POF

UHF Demo User Manual - User Operation Guide

V5.3

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference

received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against

harmful interference in a residential installation. This equipment generates, uses and can radiate radio

frequency energy and, if not installed and used in accordance with the instructions, may cause harmful

interference to radio communications. However, there is no guarantee

that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which thereceiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.FCC Radiation Exposure Statement

This modular complies with FCC RF radiation exposure limits set forth for anuncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

If the FCC identification number is not visible when the module is installed inside another device, then the

outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following:

"ContainsTransmitter Module FCC ID: 2AKQD-M-704"

When the module is installed inside another device, the user manual of the host mustcontain below warning

statements;

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference.

(2)This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device,

pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio

frequency energy and, if not installed and used in accordance with the instructions, may cause harmful

interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment

does cause harmful interference to radio or television reception, which can be determined by turning the

equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The devices must be installed and used in strict accordance with the manufacturer's instructions as described

in the user documentation that comes with the product.

Any company of the host device which install this modular with modular approvalshould perform the test of

radiated & conducted emission and spurious emission, etc. according to FCC part 15C :

15.247 and 15.209 &

15.207 ,15B Class B requirement, Only if the test result comply with FCC part 15C :

15.247 and 15.209 &

15.207, 15B Class B requirememt, then the host can be sold legally.

Antanna Electrical Characteristics

Manufacturer	深圳市百水来智能科技有限公司
Product name	BSL5040A5-915MHZ
Antenna model	4050D(40mm*40mm*5mm)
Frequency Rang	915MHz±2MHz
V.S.W.R	1.5 MAX
Band With@10dB	8MHz MIN @10dB return loss
Gain	1.5dB typ @50mm*50mm groundplane
Impendence	50 Ω
Polarization	RHCP

Note that

FCC certified equipment has FCC band filters inside. If an FCC certified equipment is set to other bands, the module will be restricted by the filter to emit RF signals.(Only 902-928MHz settings can work for FCC certified equipment properly)

Similarly, CE certified equipment is also a filter with CE frequency band, which is set to other frequency bands and also fails to work normally.

Interface



Connector (15Pin, Space between PINs 1.25mm)

PIN	Interface	Instruction	
1	GND	Manageria	
2	GND	Meanwhile grounding	
3	4.5V - 5.5V DC		
4	4.5V - 5.5V DC	Meanwhile connect power, Recommended input voltage: 4.6V	
5	GPIO 3	Output	
6	GPIO 4	Output	
7	GPIO 1	Input	
8	Beeper	Has driven with > 50mA output current	
9	UART_RXD	TTI laval	
10	UART_TXD		
11	USB_DM	Fortesting	
12	USB_DP	For testing	
13	GPIO 2	Input	
14	EN	High level enable	
15	GPIO 5	RS-485 direction control	

How to connect module

We need an 15pin-cable to connect the module to a communication interface board (the interface board is only used for testing, and the module can be connected the FPC flexible cable to the customer's own interface board in actual application). The communication interface board is then connected to the computer to conduct communication tests.



How to connect Antanna

The antenna interface type of this module is SMA-K, so an antenna with SMA-J connector is required.

The module has multiple antenna interfaces, but all antenna interfaces are time-division multiplexed, and users do not necessarily need to connect to all antennas. The general use scenario is that users connect different numbers of antennas according to their own needs, and if the users only need one antenna, then one antenna can be connected.



Table of contents

UHF Demo User Manual - User Operation Guide	1
Chapter 1: Reader setting	9
1 Basic parameter setting	9
1.1 Connection method	9
1.2 Reader Type	11
1.3 Reader command address (HEX)	12
1.4 Reader ID	13
1.5 Firmware version	15
1.6 Operating temperature	16
1.7 Read GPIO	17
1.8 Write to GPIO	18
1.9 buzzer status	19
1.10 Restart the reader	20
2 RF parameter setting	21
2.1 Read and set the current working antenna	21
2.2 Measuring Antenna Return Loss	21
2.3 Antenna detection sensitivity	23
2.4 Antenna output power	24
2.5 Quickly read TID	24
2.6 Radio Frequency Spectrum	27
2.7 RF communication link	29
Chapter 2: 18000-6C label test	30
1 inventory label	30
1.1 Single antenna inventory (8B instruction)	31
1.2 Multi-antenna inventory (8A instruction)	32
2 access tags	36
2.1 Obtain and set the working antenna	36
2.2 Selected tabs	36
2.3 Get selected tags	38
2.4 clear(label)	38
2.5 Read tags	39
2.6 Write tags	41
2.7 Locked area	46
2.8 Kill tags	48
3 Tag filtering	49
3.1 Set filter	49
3.2 Clear filter	53
Chapter 3: Special function configuration	54
1 Special function configuration	55
1.1 Configuration via software	55
1.2 Manual send command settings	57
2 Set the switching order of the four antennas	58

Chapter 4:	Serial port monitoring	61
1 serial	monitor	61
2 Oper	ation records	61
Chapter 5:	Network configuration guide	63
1 serial	port connection reader/kit	63
2 Ether	net to connect to the reader/kit	63
3 Netw	ork parameter configuration	63
3.	1 Refresh/select network card	63
3.	2 Search device	64
3.	3 Load/View Device Details	65
3.	4 Server mode	67

Chapter 1: Reader setting

1 Basic parameter setting

1.1 Connection method

Туре	Parameter	Flip the switch	Remark
Serial port (RS232)	serial number, baud	Dial 7, 8 face down	The default baud rate is 115200
	rate	(toward the number),	
		others face up	
Network port (TCP/IP)	IP, port	Dial 3 and 4 down,	The default is 192.168.0.178,
		others up	port 4001. The IP of the
			computer must be connected to
			the same LAN as the reader.



ы Ж. КХНОН — (.) КҮТН	▲ Theorem (1997) and (1997) 08:05	Lat
energian Second Type States () TCVT:	-isteral Tagentza-	Vab
anot.Cont ⊜as. ⊛ns. ⊝sar ⊝nsar	-Sand-Peri In 6/20 - En 62 (Fill-	
00		
Serial et al. Se	K ⊂™r ⊖ F J ⊖ La	201
Serfrete, 11cc., 🗸 🗸	-Prite COU-	
alla basi esta-	9.2 O'Ba O'Ba	10 1 A.
ens (CLE-CL)(120	arithe 🔿 Karph 🔿 Law	anite thus
74		
de Hadifiell' Atel	Date Dentie	
*	· ·	7,
Free Freeze	Totay soft	Sefred
n Penne 🛛 Stations		Artivata Sarial Fort B

Seile Ceine	10000 GC T + T + J	Good Con Multer	Nation Carlo	Tradic Colisentia

© 122000 ○ 12710	Circlence Arctics	
8 K2000 OB110	10.06	~
xaaerti xa	. Totand Taxantan	
Consert Type		6.0
Canada Crast	- 3 - 177-11 - 6710	
C VE 🕷 ME CONVIL CO MANT	For 201	
hble nd eite		
	actor: ⊖ Kapt. ⊖ Ka	baab
train a site function of the second s	8.1. CT	
Nation of Rear 192 125 0 178 177 1	****	
SAR ALLANGTA	Auge Online Original Char	anite Child
	The only one	ar - 1.8771
7,		
ander Educti fine (12 2016)		
à	-Surrey Subarity	
	~	147
	×	
baset baséan	Sarboy crass	Toles and
n a banan 14 mb 19 m		The second parts
where any start of the states of the		

10

1.2 Reader Type

Typesingle channel4 channels8 channels	16 channels

which is reach more reach			
4		 There is 2 million 	
※ K2HOH ○ K71H		08.05	Let
		-Internal Teoretra	
anant Tyre ⊛ tasse -⊖ Ti⊂yTr	LODACT		Gab
onel. Cont Ora Stat. Oxer. Oncer		-Saad-Perika (200	
		-6466 .F	
X2		Ser Outp Stre	
Seridfert 🗸 🗸	tairest.	னை≫்⊖ார ⊖ங.	201
Seufrata. 🔍		-"vita 6210	
da bud osts 🗸 🗸	141		$w \to B^{***}$
ин А. (н. с		azura. O ka jit. O ka	anite Mild.
	56		
der Educti Einer (12. Syttue)		Disco Densitor	
	A	•	74
Free Frees		Talay sold	Sefred
n feins - 🖸 Sunder		1	Artivete Seciel Fort 6

1.3 Reader command address (HEX)

Name	Defaults	Meaning			Remark			
reader address	01	Indicates	the	reader	Only one	byte can	be hel	d; the
		address, ed	litable		address	appears	with	each
					instructio	n		
Record Record Control Programs (19)	for T or or	Film Sing Books	i to type of					
Secie Setup in Setup Takou Setup	•							
		^	- Parana Kara				Geb	
5000 O			-underniù Lerpe	1.5574				
Second Contract		Linconnect					Lat.	
Turn - Tur ⊖ Dan ⊚ €an ⊖ en€.	C 1994.		-tenžárote (tř. -Seed (200	-				
-hamese-				$\text{and} \ \in \mathbb{R}$	rt. ⊖_>≁			
tart differs - COMA	~	Sefreds		a 016	- O'-		Free	
Euclidiante 115000	~		-erste Stur-					
-Asiale basi nate	v	Set		azus. 🔿 r	J 01-			
F7(11 (40000-008))				19.14 O.B	⊷.O 4		Poins 62104	
VI		64						
-besåer udentsfaar (12 bytes)			from filters	·				
		<u>6</u> 4			~		5.4	
De. 4	Date			hense			taireat.	
Acadia Bidey Zerita						Retta e	ne sersijî fort	Astation
2023 07 25 01 37 30 022 5 3 3 3 1	2010 CONVELLISION							

1.4 Reader ID

Name	Default (12 bytes)	Remark
Reader ID	FF	Distinguish between readers and
		readers as well as reader addresses

	t.,
OF TARE CLARAT Annolis Letter OF TARE CLARAT	
- Autorial score - Vert - Prime - Prim - Prim - Prim <	
I INT (0) ANT (1) ANT F1 INT Sone for (1) ANT	4
For the other of the other other of the othe	
prime Source for the constraint of	
Source in 10000 Source in 10000 Town - 100000 Source in 100000 Town - 100000 Source in 100000 Source in 1000000 Source in 100000 Source in 10000000 Source in 1000000 Source in 100000000000000000000000000000000000	
Torres Introm Set Torres Interes Set	
The second state of the se	
The first of the	a cé
tates sides sides form for for the solution of the solution	
tates sides sides (bas) 5 at 5 Thir O taph 1 ar Form for in (i for c) 5 at 3 at 3 at Form for in (i for c) 5 at 5 at 5 at Sat 5 at 5 at 5 at	
Sat Sat Sat From for for (firster) Sat Sat Immonormation Sat Sat Satiss distage From for (firster) Satiss distage From for (firster)	COURS .
Satistics distant Martin Onition Onition	
France for the second s	- 97 TD 4
Immediately Same law Same law Image law	
sent seder	
Sect Sector	
See See Seeder Fredery reset Fr	Sat
See Seeder Fredery reset 5.	
Seese Seeder Techny Pases	See L
enting distance. We need that The second	
entine distory. V more lieur 🔤 M To	
2701722 01.000.20 000	

		 From King and 	
on Sp	Linconset		Gab
0.22030 (0) 17.1		-undersul Langer Loope	
			. Lat
o han ⊙ saar ⊖ sak. ⊖ tsak.			
6		- Hendrichten (Mus- - Kendrichten)	
ars differen 🕬 👘	Settrada		
		azunt. O ta pt. O Law	
		811 Olive Oliv	Free
a bisé rita	Set		
A		-arite thus	
		ans. Cr.J. Of F	■-11 - 07703
	6 a	حد⊖ دؤنلا⊖ استلا	This crite
r Léantifian (12 bytas)			
••••••	6.4	time the se	
			5-1
11 22 33 44 55 35 11 55 77 55 77 11 11 12	Sat	*	
			h de cel
Dear Dealer		Print and a second	FAST43F.
Barry Zwarton			activity is and if for
5 10:56-04 -005			

Recent Tarry - Marting Tarry Tarry - Tarry - Tarry - Recent Configure on Sector Setty - 27 Setty - Takau Setty

5000 00 			Gab
17.111 () 1222 ()	Lascennet		
		-unternul verperutere	
Charles and Charles and			Let
O har @ car @ ski @ tski			
		-test/vrote (thu-	
sars Ébers 🗰 😪	Sefreds	2883 (010	
		azun.⊝ ⊨z _f t. ⊖ _>+	
Eusárica 115200			-
teònia banà mana			Fill
~	Sab	and the	
(117 w			
		8208. OT 0	▼-11 - 6770.3
	Col	2-4 0466 0-2	The second
and an all should be been as			
a bar loanticiar lie Estas			
11 0.00 W	11.1	from files in	
11 ee ee 44 mm 25 er mm ee 11 12	Set	~	C-0
		v	
			to de cet
Devel Dedec		Pre res res	FASTASI.
– .			
diodidey <u>v</u> erton			Returned Land L. Pert Act
07-26-10-57-25-122-112232-45566770022101112			
07-26-10:57:25-22: C 1			
07 26 10:57:27 106			

14

1.5 Firmware version

Name	Effect
Firmware	Differentiate between firmware batches
version	

	^	formune Nerson	
© 82000 C \$710		-7 -	64
nnection.		5	
Longed 1384	T		·
00 1538/04 IC LLH/LH			^
changela com-		Franker in All	
O IVIT - 00 AVIT - O IVET - O IVET		250 CTM	
		CT01: 01:1 (0):-	
Sourie and 🗠 💎	Toles of	سرغواد⊖ منظ	ta už
F			
		• · · #**	
	5.4	எஸ். ்ஙுக் ்⊸∞	Poi ta Gritos
doo maarees (KES)		and Ones One	■ G + GTDE
	Xab		
		tanan tahun m	
nor for a ford filtere)			Y . 6
	Gab		246
	Ŷ		
and and		Factory reset	Filter
300 3002			
tion distant. 🗸 wate likur			$\equiv 6$, see Sec. for π
N-06 11134-09 385 Gebricewere/ereits			
0-08 11,34,09 389 Aig 6940 2710			

1.6 Operating temperature

Working temperature monitoring refers to the temperature inside the module. If it is combined into a whole, because there are peripheral circuits or equipment, the external temperature may be slightly higher.

auerti a		Firmate Parsian	1 44
	Recomment		1
Char Case Case Cone		Deserved Talegor serves	(int
		Analyticus (III) Anal (III)	
1-(40)+1 200	forfi-rail.	WIN ONA OLA	
date hand care		ette Olin	Bead
	0iet	Print 1970	
1899 Adde envil0851		9200 () Kigh () Las	Brite Millio
	flet	etter Oituk Oitue	Rollin INTER
ale Mantillie (12 Syles)			
1	the	Burne Infantie	
	141		Set
Benet Buider		Farray result	Sufresh.
ina Kistary 🔄 kata Claur			Desires liefs for the
7-05 10 44-05 101 Gela topat 8200			
7-05 III III 27 MIL BerkeslerTorgerature			

1.7 Read GPIO

GPIOs	Туре	Read	Write	Expand	Remark
GPIO1	enter	Y	Ν	Can be used as a switch for	Send a command to read the
				active read mode	level status of these 2 GPIOs
GPIO2	enter	Y	Ν	Can be used with GPIO1 to	at the same time
				judge in and out	
GPIO3	output	N	Y	Applicable to alarm lights	separate settings
				and horn scenes	
GPIO4	output	N	Y	Applicable to alarm lights	separate settings
				and horn scenes	

And to be and the set of t			*	
The state of				Gat
 accel C = 11.71 There is an interval of the control of the con		Lascenset		
Them + from O HAIT 0 444T Date Dat	0.2020 0.001			
1 Laff ● 443T ● rot. ● 1004. 1004.	Think Store			
nder Sers ühers Euclide kool noor Sold Sold noor Sold Noor Sold Sold noor Sold Noor Sold Noor Sold Noor Sold Sold noor Sold No	⊖ DAT : © 4AT : ⊖ 50k. : ⊖ 150k.			.4:
Tree sers úters 1000 v testa test testa test testa test v Sat testa test v Sat v Sat			- Ne sérieros e 1944	-
ers diver 1000 v 2000. Chapt. @ use texter to 118200 v 2000. Chapt. @ use 2111 Anno 2020. Cha			Seed 6210	
$\frac{115200}{116} = \frac{115200}{116} = \frac{115200}{116} = \frac{115200}{116} = \frac{11600}{116} = \frac{11600}$	tertillert 🗰	Setters	α2001. Ο h2 pt. ⊚ ⊥≫	
dia bad res x Sab x Sab <td>Eusérica 115200 🗠</td> <td></td> <td></td> <td></td>	Eusérica 115200 🗠			
If a constraint (b) Sat If a constraint (b) Sat Sat Sat	ácia kucá ruza		A	F
(************************************	×	Set	artista (h	
Subscription Subscription Subscription	(** v			
ider Lientifier De hyter ider Lientifier De hyter State			eaus. On Di Cone	■-11 - 07700
tion like year bin		C 4	21 4 O 64 O 15	mathe states
teier Liernitier lie byrest Gen Teler o Set v Set v				-0168 (0104
6a from false o Sat v <	uder udernichterlie bytes)			
Set v 54 Set v For resource Set Set v For resource Set Set For resource For resource Set Set Set Set Set Set Set For resource For resource Set Set Set Set Set Set For resource For resource Set Set Set Set Set Set Set For resource For resource Set Set Set Set Set Set Set Set For resource For resource Set Set Set Set Set Set Set Set For resource For resource Set Set Set Set Set Set Set Set Set For resource For resource		6.0	from files of	
Set No Doted Doted No model Doted Doted No				6.4
Description Norman Norman Go Wintery Z And Tool More and the second second form A Go Wintery Z And Tool More and the second second form A G AN Object 2010 Go Wintery (2010) More and the second second form A G AN Object 2010 Go Wintery (2010) More and the second second second form A G AN Object 2010 Go Wintery (2010) Go Wintery (2010) G AN Object 2010 Go Wintery (2010) Go Wintery (2010) G AN Object 2010 Go Wintery (2010) Go Wintery (2010)		Set	×	
Description Processor Maintail Confliction Excertail Processor Excertail Confliction Excertail Excertail Processor Confliction Excertailition Excertailition Processor				
ing Ting ang - ∑ Ang Ting Tang Diang Mga Cartagen Sector Tan Diang Mga Cartagen Sector Tan Diang San Cartagen Terrates Tan Diang Diang San Tan Diang Diang San Tan Diang Diang San	Devel Dealer		- Borris ora	taireat.
in Tildey - ∑ An Frances 7 M Offer M Gel Gerffemen Verdan 7 M Offer M Gel Gerffemen Verdan 7 M Offer M Gel Gel Factor Tamon and C 7 M Offer M Gel Gel Tamon and C 7 M Offer M Gel Sel				
An Change - 2017 - 2				E anna an an a' Anna A
2 86 01 2 2 2 01 2 01 2 01 2 01 2 0 2 000 2 85 01 2 2 2 01 2 01 2 01 2 01 2 01 2 01 2	7 95 01 xx 295 001 0 x72x → x 21x 3 xx			NAMES AND ADDRESS OF TAXABLE
5-25-01/25/25-201-5-0-1T-#1	7 25 01 22 25 701 and a 19 25 72000			
7 #6 00 %6 10 000 7 #6 00 %6 19 %91	7 85 01 × 5127 801 (5 × 5 × 1 × 7 × × × × × ×			
i 26 00 (46 12 22)	7.95-01-26-10-013			
	2.32.01.50.15.351			

a Sear Third Taylor Source for Tors of Refore Source Borner Tors .

1.8 Write to GPIO

GPIOs	Туре	Read	Write	Expand	Remark
GPIO1	enter	Y	N	Can be used as a switch for	Send a command to read the
				active read mode	level status of these 2 GPIOs
GPIO2	enter	Y	N	Can be used with GPIO1 to	at the same time
				judge in and out	
GPIO3	output	Ν	Y	Applicable to alarm lights	separate settings
				and horn scenes	
GPIO4	output	Ν	Y	Applicable to alarm lights	separate settings
				and horn scenes	

Nesder setsp _______ lag less ______ hert Accord ______ hetters setsp __teration long presson

huin Color	YE 6 4 44	TMOOD CHILL	

CTEMCTLOT.		* -torne and Merabon	
CERACTST4	F		6.0
00 topoge 🙁 LLK/LK			
		The same of a procession	
-thursda tours-			à
O DALE CONVEL CONF. CONF.			
		 Fraction of H^{**} 	
k:		3-4 CTD	
Source Come 🗸 🗸 🗸	Difference of	error Oral Oral	
117000			
		1 . O #4 . O	bud.
The character		37.22 O 14 O 154	14.65
~	C (1		
Audea - 11 14			
-12455 Rodr433.1281		எலா ⊜ ஙர். ⊛ _ன	Poiline Collog
	Y. b		
	24	and One - One	■+3.1 + 67/T04
From Tone (Tone Titler)			
	Gab		
		- Basser Benjuskr	
	6.4		Set
		¥	
Secet Seeds:		Pactory repet	Fi fiel
erstina distant. 🗸 sata Lieur			The second second second
			-

1.9 buzzer status

model	illustrate
Quiet	Inventory to the label, the buzzer does not sound
beep after inventory	Send an inventory command, and read the tag, and it will beep
	when the order is over
beeps every time a tag is read	Like the literal meaning, every time a label is read, it rings once

Mader Letter (Seller) Lag Lett (Letter Annuar (Methors Letter Letter Letter) The Seller (The Seller (Theorem Seller)

Infactuor.	-turneure Nersun		
Longet Lype	T		6.4
(i) 19202 (i) LLFAF			
	5 mm 5 mm		
Character Contraction and the			A
O FAIL OF AIL O THE O THE			
	For Arr Arr		
	3-01 STM		
Second come 🗠 🗸 🗸	Toleron .	201 C 1	
117900		10 OF	
			ta si
			10.05
~	C-4		
des allaces bet			
		MMA Cist Cist	The Grins
	Set		
		CT 0164 016	₹-it - CTDr
and for the first type)			
	Gab		
	baser behavior		
	54	Paist 🗠	Sat
	· · · · · · · · · · · · · · · · · · ·		
Secet Sector		huctory repet	Friday

1.10 Restart the reader

The action of restarting the reader is to power on the module again.

incerti in		Citarius Justica	
Conset Type	Discount		÷.
20 F1 O T02/12		Transf Transfer	
Canala Cont			6.4
⊖ VE ⊗ IVE ⊖ 0.91T ⊖ 16.91T			
· · · ·		3 - 1(***) - 1770	
Seidheir TTI v	Friday I.	hu A-	
N 1 4 4		ALL ORD OPP	
THE D		$\operatorname{cauc.} \bigcirc \operatorname{top} = \operatorname{top}$	See 2
	7.		
orman subbrased and		•.ii	
		arti ⊖ai≱ ⊖us	write this:
	141	അവം വിച്ചും	a 8771
Sale Thailie (Mayra)			
	Let .	Annual Alinetin	
		STREE SEAMING	247
		v	
		Analysis mark	2.4
tasat taujar		287676,728686	11.11
etter, funtery - [2] Auto Class			🔄 Сайлан бөйл бөг жай

2 RF parameter setting

2.1 Read and set the current working antenna

At the same time, only one antenna of the reader is working, so it is necessary to read and write the current working antenna or set the antenna.

an satep issue	2. Leg Least Servic Hert Meriter, Bethert Settsp Hunstsen Lerds paration			
an de la milita es	TIMOD C-L			
nail seatch ante	The second			
Carnet Ast.	and v 54 5 6 7 0 8 0	12	DAL 12	IS A MARY
	n n			n.
	nn (n. 36 m. lee)			
FI.	A 205.00 V TV Toron (45		Set	
acce detertino	and it is it			
te, 1 Jeeder de	terts antains consertions by asserting the return loss of 27 ports			
C Seeder at	opt has operation if raturn lott it shows the threshold - Saturn.ott Threshold) - 2t -	145		Set
S Jean ras	turn it off by rathing the threshold to 0			
ia: Noce Jecti	U			
tal 1 Only a ra	rtein number of Japin; Monte beg hyper mygort this function			1.1
O LE MIE E	notion is not apported by tags places tan it off	~		
Southen Sales				
	igoter Leóult Pregnencies			
	⊕ AVC ⊖ E.L. ⊖ CAB For Forp 200 M ∨ BHE - 511 11 ∨ Th			
	Le 1414 Copenies	- A		Ca
1.0.146.0	Stat Dependent Ministry Start The Start St			
Link Setty				
				Settreds
tion distant.	V more lieur		$\equiv m_{\rm eff}$	a second second
•				

2.2 Measuring Antenna Return Loss

serial	introduce
number	
1	Antenna return loss: indicates the test data of a certain antenna at a certain frequency
	point; for example: the data of antenna 1 at a frequency point of 915MHz is 27db;
2	To measure the return loss of the antenna, you need to set the antenna number you
	need to set first; of course, you can also not set it, if you don't set it, you will test the
	current working antenna.
3	When testing, it is necessary to select a certain frequency point within the
	corresponding frequency point range for testing; for example, the module and antenna
	are American standard, so the frequency point range is 915-928, but in order to ensure
	the accuracy and compatibility of the test, the middle value of 915-928 is generally
	selected as 915 for testing.
4	Under normal circumstances, when the matching between the antenna and the

	module is relatively good, it is greater than 7, generally tens, or even twenty; the
	return loss of the antenna indicates to a certain extent whether the antenna and the
	module are suitable for each other.
5	If the American standard module chooses a certain value of the European standard or
	the national standard to test, the return loss may be 0 or very low (assuming that the
	antenna is in good contact), so the corresponding frequency point should be selected
	for testing.
6	When testing, the default is to set the "return loss threshold" to 3, and then test the
	return loss of the antenna. If the return loss of the antenna is 0, it means that the
	antenna is not connected (except in special cases);
7	If the "Return Loss Threshold" is set to 0, the module cannot identify whether the

Sector Cation 1000	00.00 Testing Secol Des Notres Matter Secol Tradit	· Culisentin			
base stop Mrs	Later _Pour sater				
Boost S-Boos V	at suc	-th Jospes Hower-			
5 A	Vari 🗸 Vet Sab	1 4 2 4	5 6 7 5 Z	11 II 12 13 14	to 16 and 11
					a-
Westermant of	entenne gant (detano Loss)				
. ک	10 • /ic Mic Meanwe] l	64		
<i>.</i>					
Frank Frank	in a statement of the average from an even	H to see			
T From	supergraphical form as solve holiday.	Recorders Thirden	2 D	6.0	76
7.150.00	n an a 218 an ag le ballan a 7				
The Group Re-	·r				
Period Televis	an e contra el Carri Sere de sue sur el se bu		0.44	Gab	141
1000	concursion affining software in the second		-		
laar Laissa	-taer Lefond Frequencia -taer Lefond Frequencia -taer Lefond Frequencia -taer Lefond Frequencia -taer Lefond Frequencia	ur vastit.	LS W ~ Utr quality	Gab	141
PE Lock Score					
					¥
<					>
					For York
The other of	. ⊠tardie			Arbiy	ate Seriel Cort Bositor
	A A A A A A A A A A A A A A A A A A A				
1					

2.3 Antenna detection sensitivity

serial number	illustrate
1	The default is to set the "Return Loss Threshold" to 3, and then test the return loss of
	the antenna. If the return loss of the antenna is 0, it means that the antenna is not
	connected (except in special cases);
2	If the "Return Loss Threshold" is set to 0, the module cannot identify whether the
	antenna is connected;
Sandar Salay Tron Song D Hansel Soliton Universit Soliton Horizon Arten Arten Arten Liter - Arten Arten Liter - Arten Arten - Arten - Arten	SUDD-WV Tap Text Sucial fort Munitive Settort Settor America Unofiguration P is up Text Sucial fort Munitive Settort Settor America Unofiguration P is up Text Sucial fort Munitive Settort Settor America Unofiguration W is the set of the set
-th spectral	A Sector Joined Asspective Sector Joined Asspective Description Frances A Sector
¢) teárast
uper states, fainte	ay Maas Class
	o ob.ol. WregologulWan L ol.and latewooletector

2.4 Antenna output power

mainly two types	of current	power ranges :
------------------	------------	----------------

Module	chip	power range
type		
PR9200		10dBm, 18-26dBm
R2000		0-33dBm

beider beiter Incluite ung best berbill bert Anaber Bethert beiter berten berftigeritten.

nin Getra (P. P	Store TMAND Color	
tandi sestek k	T 0 d of 2 mm	
Ozviat Jat	. and w 54 54 54 54 1 2 3 7 5 7 7 0 2 10	
		20 T 20 20 T D=
····· ·· <u>·</u> ·	n nn pri 36 nn hei)	
FI.	A 215 00 V TO TOTO 145	Set
atuan detecti:	a manifivity	
late. I Seeder	detects entrane connections by measuring the output loss of 20 posts	
C Seeder	stops begogenetics if extend loss is down the threshold - detrumines Threshold,	Set
S Jean ri	a tran it off by retting the threshold to 0	
igia; Nasse Jer	11U	
total i usile a	rentain number of Ingin; Monte bag hyper ruppert this function Original Contraction	6.4
C 16 Edit	fartin is not apported by tage places tan it off	
2 Speritrue Sel		
	- Lyster Lebult Pregences	
	OAC OEL OCH FORMUL VIEW - V TO	
	The Orline Temponies	6.0
1 1	Stat Territoria Ministra Studies The State State	
n max sectó-		
_		
		Setters
and an advance	States from	
CARLON ALCONY	 Mass 40 Mass 40 	
9-07-08 TELOFIC	2 AN OFENTRAL AND	

2.5 Quickly read TID

illustration below for details ;

```
-Impinj Monza FastTID
Note: 1.Only a certain number of Impinj Monza tag types support this function.
2.If this function is not supported by tags, please turn it off.
```

(2) After opening, the inventory interface will display both TID and EPC;

The function is turned off, and the display is as shown in the figure below:

ment satisfy wroanne			200.00	·	
Ozvast Jat.		74	1 2	3 4 5 4 3 0 9 10 12	DEPENDENCE VALUE
					n
	pre de metarre)				
FI.	A 215.00 🗸 🌇	Turne		Let	Set
these detertion that the I Seedler detert	r totoos, cooscilizon (vi associliz	e for catero lore of St.	owite.		
2 Sudar store	the constitution of states large in a	we for forefuld	Salton or To	energial de las	Xab
S Jaw realities	it off to estime the forefold	ts U			
vior House Carlton					
sta. 1 Oslo a ractaio	a aumiana dé laboia: Nacas teo tra-	es apourt this function			_
Dit bie fint	in is not apported by tegs pla	ere barn it off	05	(0) ALL -	5-a
/ Spectrum Setup					
-1397	en Leóusín fregnencies				
	0.44 0.644 0.644	har hap	V Mic	- v T·	
. 1	Tolicel Technolis			à	6.0
jule and the second	Ref Terrery	Ten Groef	76-500	s	
Link Setup					
			_		
					Suffração -
the distance of					-
ation distant. 🗸 i					where we are the first
ar Satup 1000-00 t	an Torr Secol Fort Meritic Sec	furi Sitiy Dantin Co	dipetto		
ar Setup 1000-00 t meters: Tag Sparatio Saration	n Tort Swid Fort Meiter Het	fort Sitty Pairtin Co Refe	dipentia	and the sector of the sector	
er Setup 10000-00 f	n Tort Social Fort Routor For 	for Sing Partie Co Bes Destried Contro	dipettia	Senditionation and the Co	
ar Satap 1000-00 f meters Tag Sparalis berstim Inventory	na Tort Social Fort Monitor . Nor 	fort Setty - Partice Co Bate Streetscief Quantity	dipentia	SpeedStagitured State Co	8:
ar Settap 1000-00 f meters Tag Sparalle bersetion Inventory	as Tort Social Fort Bailor Bai - Denatory Bafa # Hinds Channel ○Balas Ch	fan Sety, Partie Se Bes Bestrijel Quality	apressa Dir	Speedstaanties 5 tend toe Co 91	8(
er Setty 1000-00 f netwr Teg Igaralia bervlins Inventory Der Tiest 4	as Tort Social Fort Bailor. Bet - - - - - - - - - - - - -	fter Seng. Paerline Co Bate Deserveind Quantity	neene RC	SpeedFactured Total Total Total Total Total Total Total Total Speed	ensitation Si
ar Satap 10000-of 1 meters Tag Sparalia barwine Inventory Res Time -1 Tanarre 3	as Tort Social Fort Bailor Bet a Donatory Bolo # Disactory Bolo B Disactory Bolo Disactory Bolo Disactory Bolo Disactory Bolo Disactory Bolo B Disactory B Disactory B Disacto	for Sing Technolog Base Denote (al Genetice	80	SpeedFagSect Tend Tay Co S 1 Gaussid Newtonical Tend Incom 878 00	
ar Satay 10000-of 1 meters Tag Igaradia beretice Inventory Bere Tiess -1 Secure 3 Secure 3	an Tool Savial Fort Restor . Ref	for Sing Parties Se Beatriel Quantum	80	Secolitization Secolitization SI General Development Total Secon 878 00	80 00 00 60
tr Satty 10000-of 1 meters Tag Sparalis berstim Inventory her lies: -1 Sector (3 Sector (1) false	an Tool Secial Fort Restor . Ret	for Sing Factor So Base Destroiel Gentler Basel Basel S	80	Seculitarian Seculitarian SI General Seculitarian SIS SIS SIS SIS SIS SIS SIS SIS SIS SI	81 00 00 60
ter Satagi 10000-oc t neterni Tag Agaralia berviles Inventory her liess -1 Seedag - claim office filest Op	ng Text Sarial Fort Restor . Ret	for Sty Partie Se Branciel Gentler Brancel Bando Sta Band South ()	aligentias BE No.	Seculitarited to be SI General Investmental 878 00 878 00	nalistin 81 00 00 60 brinde ber tag
er Satagi 10000-oc t nerver Tag Agaratia bervities Inventory her Hens -1 Seretagi -1 Seretagi -1 Seretagi -1 federe Ulg	as Tort Social Fort Reitor Ref Denatory Refs # Hinds Cheesel O Refs Ch Internal 0 os Tag Forts Refs of Tag Forts Refs of Tag Forts 0 o	for Seng Partie Se Best Breathing Quantity Reads Stan Read South ()(1 Read South ())	aliperatus BE Mai	Seedingted texts 91 General Neutralial Texts See 878 00 ett Phile No. 201 (1936)	negi tati ini 1937 Secondari 1930 - 1930 - 1940 Sectorali 1941 - Tray (1941) - 1
er Satagi 10000-of t neters Tag Sparalia beretion Taventory Base Tass [1] Seedagi [2] Seedagi [2] Seedagi [2] Seedagi [2] Satasian Januaria	as Tort Social Fort Relitor Rel Denatory Rels # Houle Channel O Relet Ch Internel 0 on Tag Form D Relitorer Fagl at tort 0 Size 0 +	for Seng Partie Se Sectored Control Sectored Control Sea Send Control () () () () () () () () () (ali persiti si BC Maria Jana	Towned Providence International Towned Providence International Towned Providence International	englistere reg bereinsled DD DD SD keinek See Seg kei Seg06a is kei Seg06a is
er Satagi 10000-off t merer Tag Uparalia persetion Inventory best Tassa (as Terr Sorial Fort Reiter Ref a Senatory Refs # Hode Charact O Refs Ch Istarred 0 so Terr From Development Ref at terr 1 time 0 +	Ann Seng Parties So Bank Streateried Genetity San Senal Senat 10 1 1 2 1	digentias BC Mail Mail Mail Mail	Typediffagities) Tend top Co SI Cancel Provincial Tend top Co SIS Cancel P	And Temporal States
te Satagi 10000-of 1 merer Tag Igaralia beretion Taventory ber Times [-1] Seedagi [-10400 office files tiles files tiles files files tiles files tiles files tiles files tiles files tiles files files tiles files files tiles files	as Tort Sorial Fort Bailor Bai	Ann Seng Parties Se Bank Banker of Genetics Banker Banker Dan Bank Senger () Dan Bank Sen	digentias BC Na S Na S 10 S 10 S 10 S 10 S 10 S 10 S 10 S 10	Typediffugities) Total tay for SI Consult Investmental Total Invest 878 000 and Fridda Base and Fridda 000 and Fridda Base and Fridda 000 Ale II TO II TO Ale II TO II TO Ale II TO III TO II TO III TO II TO III TO IIII TO III TO IIII TO IIII TO IIII TO IIIII TO IIII TO IIII TO IIII TO IIII TO IIII TO IIII TO IIIIIIII	engelaaties ny terpetaniet OO OO SO Netherik Deer Tage daat ToegOog 4 haat Nat 10 4 haat Nat 10 4
ter Satay 10000-00 t netern Tag Sparalis beretion Inventory bere Uses1 Seretay1 Sereta	as Tort Social Fort Relitor Rel	for Sety Factor Se Best Sensities Bends Sub Sensities Sub Sensities 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Aligentias	Tread Tag Tao) Total Tay Co Si General Dereticaled Total Inspect 878 000 001 - Filip Bar 2012 - 1045 001 - 10 00 00 00 00 00 00 00 00 00 00 00 00 00	And 200 100 100
Inventory Inventory	as Test Seriel Fort Reiter Ref Denatory Refs # Hinds Cheese O Refs Ch Interest 0 es Test Font Refs 0 e Test Font 0 e there fone has	Ann Seng Parties So Basis Bends Stan Band Sound () Dan Band Sound () 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Algorithm	Type Type <thtype< th=""> Type Type <tht< td=""><td>And 201 10 10 10 10 10 10 10 10 10 10 10 10 1</td></tht<></thtype<>	And 201 10 10 10 10 10 10 10 10 10 10 10 10 1
ter Satagi 10000-of 1 merer Tag Agaradia bervities Inventory Inventory Sector 11 Sector 11 Sector 12 Sector 12 S	as Tort Social Fort Restor Ref Denatory Refs # Hinds Channel () Refs Ch Satured () as [] Top Fons () Reference Fort at tort () Size () () () () There () Fonse Lars () El Report () ()	Ann Seng Parties So Basis Breathfiel Quantity Basis Star Basis Sound (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Aligeration BC Not Not Not Not Not Not Not Not Not Not	Torend Facture 1 tend for Co SI Cancel Perstanded Tend for co SIS Cancel Perstanded Tend for co SIS SIS Cancel Perstanded Tend for co SIS SIS Cancel Perstanded Tend for co SIS SIS SIS SIS SIS SIS SIS SI	engintine Biographics Biograph
er Satag 1000-of t entre Tag (garalia berties Taventory ber Tiess Seretag	as Tort Social Fort Rollow Role Denatory Role # Hinds Channel O Role Ch Interest 0 as The Free Doublemen Fast of The Officer Lars 0 El Interest 1	for Seng Parties So Basis Destricted Quantity San Royal South (1) San Royal South (1) Data Ro	Ali persitian		And 100.00 And 10
er Satagi 10000-of 1 merer Tag Igaralia beretion Taventory Beretagi I Seretagi I Ser	as Tort Sorial Fort Rollow Role Denatory Role # Hinds Channel O Roles Ch Internel 0 on The Frenz Dondineers Fast at their O time Data Data O frenz Lats 0 EL bernel 1	Rand Former Server Serve Server Serve	All persition		And 100 00 00 00 00 00 00 00 00 00 00 00 00
er Satagi 10000-of f merer Tag Igaralia perstine Taventory ber Tiest [-1] Beretagi [-16400 fallet Uig fallet Uig falle	as Text Social Fort Relitor Rel	Ann Seng Parties Se Bank Banker Beautres Banker Bank Sent Hi Banker Bank Sent Hi Banker Hi Hi Banker Hi Banker Hi Banker Hi Banker Hi Hi Banker Hi Banker Hi	ell persition	Type Type <th< td=""><td>energi hati ya rey beyestaniati (OO OO SO Softwali Anti PregOlar) 4 Anti PregOlar) 4</td></th<>	energi hati ya rey beyestaniati (OO OO SO Softwali Anti PregOlar) 4 Anti PregOlar) 4
er Satag 10000-00 t nerver Tag Sparalis bervline Inventory her lines = -1 Serelag = 0 Serelag = 0 Ser	as Text Ser(al Fort Reiter Ref Denatory Refs # Displa Cheesel O Refs Ch Interest 0 es Text Text Press 0 es C Text O forer Less 0 Es berest 1	Are Setty Parties for Bate Breatheriel Qualities Bate Bread Grant I (Dan Bread Grant I (Dan Bread State Dan	all persition	Type Type <th< td=""><td>enginative regimentiative CO OO SO Serievali Anti Pregoni i Anti Pregoni</td></th<>	enginative regimentiative CO OO SO Serievali Anti Pregoni i Anti Pregoni
Ar Sate 1000 of 1 artery Tag Sparalis beretine Inventory Sector 1 Sector 1 Secto	as Text Ser(al Fort Reiter Ref Denatory Refs # Hinds Cheese O Refs Ch Interest 0 es Test Font Refs 0 es Test Font 0 es 0 fines 0 font lass 0 fin terest 1 es 1	Ann Seng Parties So Basis Bends Star Band South () Data Band () Data	Ali persiti si	Type Type <th< td=""><td>Anticipies</td></th<>	Anticipies
Ar Sate 1000 of 1 where Tag Sparalls beretim Inventory See Time 1 See Time 1 Sector 1 Sec	as Tort Social Fort Rollow Ref Denatory Refs # Hinds Channel () Refs () Satured () as [] Top Font () Refs () at tort () Size () () () Refs () Font Les () R Report () (Part Seng. Parties So Basis Benefit of Quantity Basis	All persition	Typeself Fage Stard Total Tag Con Single Single Single	And 100.00 400 400 400 400 400 400 400 400 40
Ar Setty 1000-of 1 where Tag Sparalis bervine Inventory Ber Tiess Sector Sec	as Tort Social Fort Rollow Role Denatory Role # Hinds Channel O Role Ch Interest 0 as The Frenz D Rollinger Fast of The Officer Lars 0 E2 Interest 0 as 0 as 1 and 1	for Seng Partie Se Base Destroid Gentine State Read Sent 10 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	All persition		energi interior regi Descritionaladi COC OO SO Solo
ar Setty 1000-of 1 meters Tag Sparalis bereties Taventory Bee Tiest 4 Sector 2 Sector 2 S	as Text Social Fort Relitor Rel	Ann Seng Parties So Bate Destricted Gentline Based Send Send 10 Based Send Send 10 Based Send 10 Bas	all persition Res 1 41 97 44 97 54 90 54 90 56 90 5		enalitative rep torestication OO OO SO Nettradi dat fores000,1 4 dat fores000,1 4 dat fores000,1 4 dat fores000,1 4 dat fores000,1 4 dat fores00,1 4 dat fores00,1 4 dat fores00,1 4 dat fores00,1 4 dat fores00,1 4 dat fores0,0 4 dat fores0,
ar Sate 1000 of t where Tag Sparalis beretion Inventory Ber Tiess -1 Sector 1 Sector 2 Sector 2 Se	as Text Ser(al Fort Reiter Ref Denotry Refs # Hinds Cheesel () Refs (k latered () as Text Text () See () a () Text () Text () See () a () Text () Text () See () a () Text () Text () See () a () Text () Text	for Seng Parties for Basis Bas	eli persitias Ria 1 14 10 14 10 1	Type Type <th< td=""><td>energi hati ya Tari heranti adali DO DO SO Anti Den So Anti Non SO</td></th<>	energi hati ya Tari heranti adali DO DO SO Anti Den So Anti Non SO
ar Sate 1000 of 1 meter Tag Sparalis berstine Inventory Base Time (-1) Sectors (-	as Tort Sorial Fort Reitor Ref Denatory Refs # Hinds Cheese O Refs Ch Interest 0 os Top Font Dendemor Fast of These foner Los 0 1 	Ann Seng. Parties So Basis Bends Star Band Senst 10 Basis Data Band 10 Basis Data Basis Data Band 10 Basis Data Basis Data Band 10 Basis Data Basis Data	All persition		enginative regimentative CO OO SO Serievali Anti Pregologi I Anti Pregologi I
ar faty 1000 of 1 entry Tag Igardia heretice Inventory Bao Tiess -1 forstag Color affit Talert Uip Tarinia Entry Anima ar fait artist Entry []/	as Tort Social Fort Reitor Ref Denatory Refs # Highs Cheesel () Refs () Satered () os Top Fone () Refs () of Top Fone () Refs () of Top Fone Les () Refs () Fone Les () R Report 1) () N () N (for Seng Partie Se Bestel Bestel of Quantity Based Smot () Data Based	All persition		negal tables Try Dependencial CO OO SO Softwalk Soft
Arinak Kater (2)	as Tort Social Port Reitor Ref Denatory Refs # Hinds Chared O Refs Ch Interest 0 os The Fone Doublemen Fast of The One Double Chare 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	for Seng Partie Se Basi Branciel Ganting Basi San Bond Smat (S) Dia Basi 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	All persition		regel tetites regel tetites CO OO SO Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution Anti-Solution An
Inventory Tag Sparalia Spersice Inventory Base Tiess -1 Seeding Color Select Clip Seeding Color Section Color Sectio	as Tort Social Fort Reitor Ref	for Seng Partie Se Bate Destricted Beating Seals	All persition Res 10 14 10 15 10 16 10		regel tables regel tables And OO OO SO And OO SO And Res 50 4 And R
ar Sate 1000 of 1 offer Tag Special beretie Inventory Ber Tees 1 Seeka 1 Seek	as Tort Sorial Fort Reitor Ref	for Seng Partie Se Bate Destricted Gentline Based F Based Send Send 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	all persition 8 0 8 0 9 80 8 94 90 94 90 90 90 90 90 90 90 90 90 90		resultative resultative CO OO SO Network Resultation And Resultation
Ariana Arian Ariana	as Text Ser(al Fort Resider Ref Deservey Refs # Directory Refs # Directory Refs Distanced 0 as 1 Same al 0 as 1 Ser Com text of text 0 see 0 a text of text 0 see 1 are text of text Notes Com Continues Target Ref Sectors Target Set	for Seng Partie Se Beats Beats of Genetics Seals The Bread Court () 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	all persition 8 20 20 20 20 20 20 20 20 20 20 20 20 20		Anna institution Technologi Anni Technologi Anni Techn

The function is enabled, and the display is as shown in the following figure:

All catch extense Varyant Ant. V 54 File A SHE M V TO File A SHE M V TO and detertion constitution C deader stops by possible if when loss is also 3 Jew run here it off by esting the threshold to by Work facttl. In 1 Only a rather content of laging Work by type	The return loss of 27 per res the threshold - Art	71 () () () () () 		ан в слат
Variant Job. • • • • • • • • • • • • • • • • • • •	the restant loss of 27 per we the threshold - Set		a / 6 / ° A 9 10 19	D R 16 7 Martin
Fi. (1) A SIG (1) V TO Fi. (1) A SIG (1) V TO most detertion constitution (1) asserving C dasher stope big specifics if where lose is do 3 Jean run here it off by esting the threshold to ing Woore factflui as 1 Galy a rather context of laping Woore big type	The return loss of all particular sets the threshold sets			
 A sin m v Tr. A sin m v Tr. A state v v v v v v v v v v v v v v v v v v v	The return loss of 27 years we the threshold - Set			
nos detertion reactivity to 1 dealer deterts entenes remartions by essencing 2 dealer stops by grantics if outers loss is do 3 Jew run term it off by esting the terminal to ing Woore factful a. 1 Only a restain comber of laging Woore by type	the return loss of it you we the threshold set		145	Set
cos detring regritivity. Is I dealer deterts entropy requestion by essenting C dealer stops by population if using loss is do 3 Jew run how it off by estimating the threshold to ing Woork factflui is. I only a ration number of laging Woork by type.	the return loss of it por we the threshold det			
C dander stops tag specifics if rates loss is ab 3 June sus two it off by satting the thracked to in Woors fastful 5. I only a surfain number of laging Woors tag type	ore the threshold - Set	te		
3 Jean rus hars it off by estimating the threshold it in: None Pettla is, 1 only a ranket subject of Laping Mones has how the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set	s 0	ananalises Tar	and the later	Set
ing Monte Fertill ne. 1 Only a ration combat of Imping Monte bag hyper				
ta. I Utily a rarbain number of Japing Monte bag bypas				
2 18 East function is not supported by task place	s ngywt bis finstim m tan it off	*	OMI à	64
				_
Syarbom Sabış —işətər Ləfasin fraqqansısə				
	Baar Baay 202 00 - V	H1: -	- XII II 🗸 🖓	
The following product			à	C a
The Deliver Shell Territory 1999	Terrente	76,500	s	
Link Satup				
				Sefreds
tion distany. 🗸 seek lieur				A Sector Sector Tec
N-CS 02.48.54 870 Contrains Target And Section Invest	bagy			-
r form 10007-65 Tex Tort Jacob Ford Bestion Body Mary Tax Speculius	ert fotog Pontien Codig	prolies		
entile .	Jate		Beaufitantiant Satur Tay tim	and setting
Investory Stilds Band Obla G	Dessitution Reading	1000	00	00
interior (m	100	00
tes Lines -i Interval # as		040	Encad Deutinoidi. Frid. Service	ey Darwinn(ad)
Berneres 1 Tag Tarme Benilismer Tagl			290 00	15 10 00
Tersten Otaliaat test Ottine 0 10			c 30 00	00.01.01
A CONTRACTOR OF	Bendly This American City		ert filling i su seen filling i	Carlos I and the
days The and	This from court. 19	-	for the second second	Automatic State Land
	 Bask red 	PS .	and the same as the reside to the reside	Ant Freident 1
Thermalies Sensions These Trees Serve				
Tantania Instan Offices Offices Series	•	14.77	TT (0) 11 10 (0) (0) of (0) of (0) of (0)	ant: 1000 its
Tantalis India Pass Pass Sec 10.		H =	ET 00 11 10 00 01 00 00 00 00 14 00 40	Heat (000.00 -0
Tanada bada Offee Offee See		14 30 14 30		And 1 1009.00 -0
Tanala faile Offee Offee fee ja, min #a On On		14 30 14 30 14 30		Math 0009.000 -0 Amath -0 -0 Amath -0 -0 Amath -0 -0 -0
Tanada fasila Office Office face (a. 1983) Sa Oz Oz 1997 - Sec. 1997 - Sec.		4 10 4 10 4 10 4 10		Backt B009, 800 -0
Tanada India Office Office Inc. Italian Marina Bin One One Marina Bin One		4 2 4 8 4 8 4 8 4 8 4 8		6-12 000.00 -0 6-13 000.00 -0 6-14 000.00 -0 6-15 000.00 -0 6-15 000.00 -0 6-15 000.00 -0 6-15 000.00 -0 6-15 000.00 -0
Tanada India Office Office Inc. 14. 14. 15. En On On 15. En On 15. E		64 30 64 30 64 30 64 30 64 30 64 30 64 30 64 30		6412 003.00 0 6414 003.00 4 6415 009.00 4 641 009.00 4 641 009.00 4 641 009.00 4 641 009.00 4 641 009.00 4 641 009.00 4
Tanada India Office Office Inc. 14. 14. 15. En On On 16. 16. 16. 16. 16. 16. 16. 16.	P 1 1 3 4 4 5 5 7 8 7 9 7 1 1 3 4 1 1 3 4 1 1 3 4 1 1 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H 20 H 20 H 20 H 20 H 20 H 20 H 20 H 20		6412 000.00 -0 6414 000.00 -0 6415 000.00 -0 6416 000.00 -0 6417 000.00 -0 6418 000.00 -0 6411 000.00 -0 6411 000.00 -0 6411 000.00 -0 6411 000.00 -0
Tanada India Office Office Inc. 14. 14. 15. En On On 15. En O	P 1 1 3 4 4 5 5 7 8 5 9 1 9 1 9 1 9 1 9 1 10 10 1 10 1 10 10 1 10 1 1	H 20 H 20 H 20 H 20 H 20 H 20 H 20 H 20		6412 000.00 -0 6414 000.00 -4 6415 000.00 -5 6416 000.00 -5 6417 000.00 -6 6418 000.00 -6 6416 000.00 -6 6411 000.00 -6 6411 000.00 -6 6411 000.00 -6 6411 000.00 -6
Tanuala Inalia Office Office Inc. 14. Holds. No. Bal Office Office F4. Office Office 1. Holds.	P 1 3 1 3 5 4 5 5 7 6 7 7 7 8 7 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1	H 30 H 30 H 30 H 30 H 30 H 30 H 30 H 30		6412 000.00 0 6414 000.00 4 6415 000.00 4 6416 000.00 4 6417 000.00 4 6418 000.00 4 6416 000.00 4 6411 000.00 4 6411 000.00 4 6411 000.00 4
Tanuala Inalia Office Office Inc. 14. Helda. Marine Sal Office Office From Sal Office F	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	64 30 64 30 64 30 64 30 64 30 64 30 64 30 64 30 64 30 64 30		ball 000.00 -0
Tanuala India Office Office Inte Int. Market Office Office Frank	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 30 14 30 14 30 14 30 14 30 14 30 14 30 14 30 14 30 14 30		ball 000.00 -0
Annale faile Office Office face (a	P 1 1 3 4 4 5 5 7 8 6 7 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 2 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8		6412 000.00 -0 6414 000.00 -4 6414 000.00 -4 6415 000.00 -4 6416 000.00 -4 6416 000.00 -4 6416 000.00 -4 6416 000.00 -4 6416 000.00 -4 6416 000.00 -4 6417 000.00 -4 6418 000.00 -4 6419 000.00 -4 6419 000.00 -4 6419 000.00 -4 6419 000.00 -4 6419 000.00 -4
Annual a familie Offices Offices Terre (a	P I I I I I I I I I I I I I I I I I I I I I I I I I I I I I	4 3 4 8 54 8 54 3 54 3 54 3 54 3 54 3 54 3 54 3 54 3		Initia 000,00 -0 Initia <t< td=""></t<>
Annual a familie Offices Offices Dates (a	B I I I I I I I I I I I I I I I I I I I I I I I I I III I	4 3 4 8 54 8 54 8 54 8 54 8 54 8 54 8 54 8		6x11 000.00 -0 6x11 000.00 -4 6x11 000.00 -4 6x11 100.00 00.00 -4 6x11 000.00 -4 -5
Annual in families Offices Offices Terms (int.,	B I I I I I I I I I I I I I I I I I I I I I I I I I I I III I	4 3 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8		6x12 000.00 -0 6x13 000.00 -0 6x14 000.00 -0 6x15 000.00 -0 6x16 000.00 -0 6x16 000.00 -0 6x16 000.00 -0 6x17 000.00 -0 6x18 000.00 -0 6x11 000.00 -0
Anna Source States Class	B I I I I I I I I I I I I I I I I I I I I I I I I I I I II I	4 3 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8		Anti NOL 00 17 Anti NOL 00 14 Anti NOL 00 14

26

2.6 Radio Frequency Spectrum

Introduction to RF Spectrum

type	scope
FCC (American Standard)	902.00-928.00MHz
ETSI (European Standard)	865.00-868.00MHz
CHN (national standard)	920.00-925.00MHz

(1) System default frequency

Reasonable settings can be made according to the actual type of RFID module. For example, the module can be set to American standard, or the original frequency range can be narrowed down, or even fixed to a certain frequency point;

1000 1000¢ 1000	to sup seat servi	Fort Acrator Heth	fort settp function .	lonia paratalon			
nin Gerne 🕅	Called THOM Called						
tandi sestek e	MACHINE.			27.0 a. a. 2 e.			
Ozyrat Jal	t. v	5.4	74	1 2 3	4 6 4 7 6 8	10 12 13 1	R IB A MOTO
							n=
<u>.</u> .)					
FI.	A 215.00	 T. 	*		145	Set	
atama deterti	a maritivity						
lots, 1 Jacks	deterts intime rime	rtinat iyi assaring	the return loss of a	27 goorbe			
C Seeder	stops beg operation i	Eustan loss is si	ove the threshold	Sebratalore Tared	ald. ite	Let .	Set
S Jean r	na baa it stê hy sett	ing the threshold (5.0				
igia; Niase Je	CETTLU						
doba, i Oslje a	e rerbein nueber of Le	yia: Waase beg type	e royart this fart	×	COMU	à	6.4
0.16.65	s fartisa is ast 192	whed by hear play	an ban it stê				
]1 14i 2 iii 8	Cont Terreny	оны. Осня на н.	For Frag 800 (n v ute – Th joo v	···· ·· · · · · · · · · · · · · · · ·	à	6a
, they being							
							Settreds
antics distory	o. V mese lieur					2.6	searchean for the

Note that

FCC certified equipment has FCC band filters inside. If an FCC certified equipment is set to other bands, the module will be restricted by the filter to emit RF signals.(Only 902-928MHz settings can work for FCC certified equipment properly)

Similarly, CE certified equipment is also a filter with CE frequency band, which is set to other frequency bands and also fails to work normally.

YSY 8 54 84 800 934 9 10 70 00 00 00 00 10 75 7 10 70 00 00 00 00 10 70 70 7 10 70 00 00 00 00 10 70 70 70 70 70 70 70 70 70 70 70 70 70	Antina Antina Anti Anti Anti Anti Anti Anti	02 (ben (06)) freq (06) freq (06) f	131 14 - 14 - 14
738. See 2012 -0.08.	Autoria Autori	01, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	140 - 1 1
Table Rest RET2 -0.048 10 70:00 00 00 00 00 10 10 10 10 10 70:00 00 00 00 00 10 <th>Bathred dast 19 Aust 19 Aust 10 Aust 11 Aust 11 Aust</th> <th>B Date Freq0501 027.00 012.00 012.00 012.00</th> <th>140</th>	Bathred dast 19 Aust 19 Aust 10 Aust 11 Aust 11 Aust	B Date Freq0501 027.00 012.00 012.00 012.00	140
10 10 00 00 00 00 00 00 10 10 00 10 11 10 00 00 00 00 00 10 10 00 10 14 10 00 00 00 00 00 10 10 00 14 10 00 00 00 00 00 10 10 10 11 10 00 00 00 00 00 10 10 10 11 10 00 00 00 00 10 10 00 00 10 10	Autor Autor Autor Autor Autor Autor Autor	Fn =10000) 912 - 00 912 - 00 912 - 00 912 - 00 912 - 00	
13 TO COL COL COL COL COL COL TO FOR A 14 TO COL COL COL COL COL COL TO COL 44 TO COL COL COL COL COL COL COL COL 15 TO COL COL COL COL COL COL COL COL 15 TO COL COL COL COL COL COL COL COL COL 16 TO COL COL COL COL COL COL COL COL COL CO	4au 19 Au 21, 19 Au 21, 10 Au 21, 21	Fix +2008(1) (627.50 (612.00) (612.00) (612.00) (612.00)	a) a la la
11 10 00 00 00 00 00 00 00 00 00 00 10 1	te Andi B Andi E Andi E Andi	NLL 00 NLL 00 NLL 00 NLL 00	
AA 400 301 301 304 AA 40 50 100 100 100 100 100 100 100 100 100	te Austi E Austi	812.00 812.00	-61
13 TO 00 OII 02 OA 07 AD 14 2 11 TO 00 OII 02 OA 07 AD 14 2	E April	現1.00	
11 10 00 00 12 04 07 10 10	2 10001	ME1.90	100
The second second realized and second a		1 444 444	12
to be think on the law and a	E ball	1007 100	+EI
12 17 10 10 10 10 10 10 10 10 10	F 140	ALT 10	HE I
16 TO OF OF OC OF 10 TO OF 1	a hati	111.00	
12 10 00 00 00 00 00 00 11 14 4	4 14-14	111.00	15
11 70 00 00 00 00 04 07 09 10 0	a her	101.00	10
11 TH ON DR 102 OR 107 75 DB 1	a hat	107.00	
		al la file	1.5
	144	-	
	- CI MISTRE	a Seriei Pir	. King a
	1) 70 00 00 00 10 10 07 40 11 1 50 00 00 00 00 10 10 10 10 10 10 10 00 00 00 00 00 00 10 00 10 10 10 10 00 00 00 00 00 00 00 00 10 10 10 10 00 00 00 00 00 00 00 10 10 10 10 00 00 00 00 00 00 00 10 10	10 70 00 00 00 10 10 07 40 11 10 440 10 10 00 00 00 10 10 10 10 10 00 00 440 10 10 00 00 00 10 00 10 10 10 440 440 11 10 00 00 00 00 00 00 00 10 00 440 10 10 00 00 00 00 00 00 10 00 440 440 440 440 440 440 440	10 70 00 00 20 96 07 90 01 18 4641 4651 00 190 190 00 190 02 90 00 191 19 19 00 00 4651 191 190 00 191 191 196 191 191 191 191 191 191 191

$(\mathbf{2}) \text{ user-defined frequency}$

It can be set according to the user's own needs, such as the following figure:

	1 Du. De 1 Bern	- for Tor or F	ito Sig Norio	10 1 g o - 0			
acir Satup & Satu	O THRU SALLO						
The State of Aller				-32 Oatyat Cover-			
Gerral Van	~	Gab	141	1 2 3 3		9 10 11 12 13	14 15 12 Add D
				2. W W 2			da
Antonenano del una	enne port litetern	Less)					
HL	Y 915-00	~	An anna		- A	C 4	
Salara bratiana							
No. of Decision Inc.	site of some or	entires guerras	for the other based.	With the second s			
2 Ded - 44	or the resulting	House Levels	meetic tessally	Deter Cass Trees of	11·	÷.	C (1
A.T. 89 (11)	erital grad	the terms of	1110				
Tenin Monar Tautti	n .						
2012/10/07 (199	tria mere al 1	facile Messeleters)	resource tristent	in	0.066		Yeb
2 Th 66 a 15	anti a fi contra	control options of	traction it all sets	0.46	0.44	.45	240
/*	eer Jeffined Arequ	marine				545	Sat
M Jeer Jefice	Start Areguest	р. 200000 П	to Zong Synam II	100 Ale searcing	Contract Contract	8	
						-	
TT THE GALL							
2							>
							Tole con-
entire Bistory - 🖓	<u>Z A. 17</u>						atomate percil Port Acros
			and an a				
20 07 25 00-20-12 00	00 Contraine Tre-	or MI Contro To					
20.07.95.00-90-19.00 20.07.95.00-90-10.70 20.07.95.00-90-20.70	00. Courseille The 32. Chuir 61. Chuir	on Art Coulor Tr	united and the feet feet				
20-07-25-00-20-12-00 20-07-25-00-20-50-50 20-07-25-00-22-52-50 20-07-25-00-22-50-00	00 Courseille Tre 32 Cours 61 ColTreporty3 13 Commission	en Art Gerline Ta est er GKRMING, ut et et	vetono, providujeto, Bo	anno stanno)			
20 07 25 00-20-12 0 20 07 25 00-20-20 7 20 07 25 00-22-52 20 20 07 25 00-22-53 0 20 07 25 00-22-50 0	00 Courseile The State 61 Colorador (San San San San San San San San San San	en Art Section Tr est en Clamatat, un et et	vetoon, ywaringeto, Bo	anno stanno)			
20 07 95 00190 19 00 20 07 95 00190 20 20 07 95 00199 50 20 07 95 00199 10 00 20 07 95 00199 10 00	00 Course) - Ter 32 Crus 61 ColTerprov() 63 Costrations	en Vel Section Te este CERMIN , a del	section, providence (pr	aaaa staaaa)			

2.7 RF communication link

There are four links, default and recommended: configuration 1

haudar satisf 15	light, by least servic fort Acriston Festers serve Festers, Londs printeen	
Data Gran 200	Secondaria Secondaria	
-Annal succh as Opposition	MONTAL TO Define the set AL Got To I S I S I </th <th>nii Al Valta De</th>	nii Al Valta De
Johanne detertio dote: 1 deeder 2 deeder 3 Joer re Jaging Woore dee dote: 1 Gely e	in caritivity- c detects scheme connections by meanwing the return loss of 20 posts c stays the postetion if return loss is threshold - Settern.ore Threshold. At the ren thre it off by retting the threshold to 0 setted a such a maker of laping there the types report this function a such a maker of laping there the types report this function a such a maker of laping there the types report this function a such a maker of laping there the types report the function a such a maker of laping there the types report the function a such a maker of laping there the types report the function	Set C-1
M Jac Jafiaa	O mit O mit O mit O mit O mit O mit Jear Jeffined Anequaries Mit Mit Mit Short Anequary 200000 Dia Aneq Spare 1000 Ate sourcesy To generary	Sat
9776-640 977	The Set of PrefileLibeconstate and Lebalst Law and Allies A	54 •
Operation distant.	y. ≪ mas ilau	Setters

Chapter 2: 18000-6C label test

1 inventory label

Inventory method	illustrate	Remark
single	The single-antenna inventory in 4.3demo	If you need to use the 8B
antenna	corresponds to the 8B command of the previous	command with multiple
inventory	version of [Real-time Inventory], and [Real-time	antennas, please implement
	Inventory] has two commands: [Real-time Inventory	the code . For details, please
	(custom)] = 8B command, [Real-time Inventory	refer to 3.9 demo.
	(automatic)] = 89 command, which is not	
	recommended, so the demo interface of this version	
	is no longer displayed. If you are not familiar with the	
	command, please check the communication	
	protocol !	
Multi-antenna	Multi-antenna inventory corresponds to [Fast	Although 8A is also working
inventory	multi-antenna inventory] of version 3.9 demo, and	with a single antenna at the
	the command corresponds to 8A	same time, the switching of
		the antenna is automatically
		switched by the module .
Cache Mode	Corresponding to the [cache mode] of the demo	A single antenna works at the
Inventory	version 3.9	same time, and switching
		antennas requires code
		switching.

1.1 Single antenna inventory (8B instruction)

Revealing Tag Spatializes	Beta Sarra		i mari tr	85	ISY Second Description ISY Second Description 268 00	00	6 50 50	12 34
Director Colores toot Colores () *	Revel This	t Somd	Cost 41	No. 5	II THE Ba ALL COM	Baltrast	Ees 1	Tem
Felert City	-		Teeffort	11	in:	dant.	Pres(1091)	.1
- Servera berra [] Hats [] Ford ber			1	30.00	TE 10 11 40 40 10 02 34 43 48 10 TF	dekt .	000.00	14
		3	1	100 184	test and bell for dir bell	Antel	IDA NI	-
Detailed		3	1	34.00	00 00 00 00 10 44 00 11 12 10 00 11 10	Autt	100.10	12
Ga és Ca Ca		4	. 2	20 49	12 24 AA 20 19 73 10 11	Aut	9E1.00	-1
Target Report			1	50.00	10 00 10 00	liet	MDI: 00	-4
** C3			- ii	20 89	AA 80 12 20 12 21 44 44	Aut	107.00	-6
And some		11	1	30.01	20 20 20 20 20 20 20 20 46 30 20 70 44	Anti	100.00	-
Auto Internet			- K	30.01	122 302 69 66 52 00 42 37 89 AS 34 81	dated	100.00	14
			1	34, 00	22 00 11 10-00 00 02 0A UP 09 08 82	Auti	000.000	14
		-82	3	24.47	12 24 22 24 12 24 12 24	Aut1	101.00	-4
		11		30.00	12 22 23 44 48 46 17 18 99 00 11 22	deal.	101.00	-1
	100							
an Ball nation Watery: Electr Class 2407-08 (1.29-47 007 Contractor Target And Section Targe 2407-08 (1.29-47 007 Contractor Target And Section Target 2407-08 (1.29-47 007 Contractor	taty .				5	Articut	Serial Part I	

Software	illustrate
instruction	
parameter	
Number of runs	Enter -1 to keep inventorying; input a positive number, send as many instructions as
	the value is, and then stop inventorying.
time interval	The time interval of inventory command time, the default is 0ms.
Reverse AB	The state of the tag is switched back and forth between state A and state B. The
	default is state A, so the command is generally Session+A. Reversing AB means that
	after reading the label, send an instruction to return the label from state B to state A.
Tag Focus	Indicates that the 8D8C function has been started to improve the reading speed, and
	it is generally used with S1.
Phase	Tick to enable the phase
Power save	If checked, it means that the power saving mode is turned on, and the essence is to
	set the command interval time (firmware layer processing)
SL	00, 01, 02, 03
session	S0, S1, S2, S3, it is recommended to use S0 and S1
target	A and B respectively represent the A side and B side of the label, or the A state and
	the B state, and the default is A
Antenna	You can choose the antenna you need for inventory
number	

Software Interface	illustrate
Parameters	
The total number of tags	the total number of all labels of one or more instructions after deduplication
that have been inventoried	
recognition speed	The speed of identifying labels is generally around 200
Cumulative return data	This data is the total number of labels for one or more instructions

1.2 Multi-antenna inventory (8A instruction)

	Inventory Origination States	Bats Street	tetiei	Peert to		Tpeedit	234	3444 E44 C=	ngi tati y	Y	81
Inflit State Read Cruck 116 State With Fail State Read	Bar Time 1 State of 0 as The Time Decision Tag Series Distance Tag	Berel		Ci	jď	foreit .	495	80	00	8 50	0
No.044 Org No.044	alls	24+ I	i and	tant 116	Sta RID	c risite	Rei 8202	-0.04	Artesia	liere :	fags.
Image: state of the s	Daters Like	-		Bask'reed	M.	810			444	freq000)	
1 3	Cartain Station			4	34.10	00 00 10 7	0.00.00.00.00.0	医外部病	Aut1	108.50	-6
fairered hall bayes 0			3	1	20 80	21 = 41 H	H III 10 40 07 F	W #2 88 01	Bell.	108.00	18
4 10 10 44 10 10 44 10 10 44 46 10	Interval fail Baptat			4	94.00	41 10 11 1	0.08.00.00.08.1	8 73 34 67	44.61	808.80	14
5 2 36 47 12 34 48 <td>a la la</td> <td></td> <td>4</td> <td>18</td> <td>18.10</td> <td>AN THE SEC S</td> <td>0 12 37 44 44</td> <td></td> <td>Apr 81</td> <td>383.90</td> <td>4</td>	a la		4	18	18.10	AN THE SEC S	0 12 37 44 44		Apr 81	383.90	4
	hand and have been a second as a second seco		5	4	36.48	12 14 48 0	3 12 34 80 00 1	# \$2.00 et	init.	1922.00	-4
	Flat			8	18.00	AL (2) 10 1	IT 10.04		bedd.	928.00	-4
ALLESTAN (1-11) 1 1 2 2 1 4 01 00 00 00 00 00 00 00 00 00 00 00 00	[_] ***		1	8	54.10	00 00 01 E	0, 01, 00, 10, 1	8.75.00.19	Aut.	1018.000	-
	AUST# (111)			1	14.00	00.06.65.0	φ.		de til	NOR. 00	14
1 10 4 34 10 76 66 11 77 07 60 10 06 12 75 12 29 44 11 77 67 60 12 07 12 19 44 11 77 67 60 12 07 12 19 44 11 77 61 10 10 10 10 10 10 10 10 10 10 10 10 10	HOT LIF LIF			8	94.00	00 00 11 3	0.00.00.00.04.0	F 10 AL 17	44.51	842.00	14
21 4 21 50 48 52 27 22 14 56 19 50 46 1 725 15 10 50 46 1 725 15 10 50	0. (9. (9.)0.		30	4	34 10	25 66 11 7	17 OF AD BD OF F	建物红的	Avet1	308.50	4
an Tant			11	4	21.50	48 (2 37 1	14 58 19 90		deid1	1976-501	-4
to fail		leni (1.2						10
entine Setter: Edute Stee	n fait africe Battery - 12 Anto Stee		_					ć	-	Secial Fort	Real

Software instruction	illustrate
parameter	
Number of runs	Input -1 to keep inventorying, input a positive number, send as many
	instructions as the value is, and then stop inventorying.
time interval	The time interval of inventory command time, the default is 0ms.
Delay between antennas	Spacing time between antennas (firmware controlled, not software
	controlled)
Phase	phase
temporary power	Not save when power off
optimization	is not equal to the number of tags in the last inventory, it will be
	inventoried again (cancelled)
Cycles	Send a single instruction, the number of executions

Software Interface Parameters	illustrate
The total number of tags that	the total number of all labels of one or more instructions after
have been inventoried	deduplication
recognition speed	The speed of identifying labels is generally around 200
Cumulative return data	This data is the total number of labels for one or more instructions

1.2.1 How many instructions need to be sent to test read

In some scenarios, it is necessary to read all tag data, but one command may not be read completely, so this software has a test function in this case, which is convenient for customers to test. The specific parameters are as follows: (data are just examples, for reference only)

(1) Enter a positive number for the number of runs , generally not too large, just to solve the problem of incomplete reading of an instruction

In this way, the user can see the total number of tags read by the 5 instructions (data accumulated between each instruction)

Berstin Inventory Diractory Role Diractory Diractory Diractory Role Diractory Role Diractory Diractor	Bats Social Accel	ticiei		22	tpeed?	175	tend top to tend topset		03 1	132 132
	24.	Simi	104	Sin KID	1 -42.8+	84 822	12784	Arthenia	. Jare	See.
**************************************	-		Basking	M	arc .		Contract of the	444	freq0001	1.7
Interval Sall Report		1	I	[30: 00).	10 年 11 60	1 HE HE HE H	的视线的	hell .	103.00	-
		3	8	34 10	#1 == 11 10	00 00 00 00 00	68.14.80.00	Bell.	100.00	-0
Antonas 11g				(0.20)	100 YT AA DE	1 AA 10 10 AA	84.10.10.14	44.61	308.00	-6
िश्च		4	15	34.00	0 10 11 75	00 00 00 00 OA	17 ID AL 12	April 1	305.00	14
latitizer (198)	-		. 8	38.48	A& 10 14 10	12 12 23 08	44 Mi 00 12	- init	908.00	4
81 01 01 04				14.10	14 00 00 Da		10.11.00 10	bedd.	100.00	4
1 10 10 10	-	37	1	29 10.	10 00 00 01	00 00 00 00		Aug 1	1908.00	-
Harris Council December 199	-		4	28.99	A6 88 12 20	12 33 48 44	15.16	de til	100.00	-
	-			(m. 20)	17 10 AA DI		15.10.10.00	44.61	808.00	
	-	10	3	14 10	11 12 13 11			Aug 1	301.00	4
	-	11	8	34 se	58 77 23 34	An 20 AL 28	11 22 11 00	dariet 1	1918.00	4
	les.		10					17775	1	12
er Fank antier History: 20 Auto Clear 407-05 50 50 10 10 50 Facefords interacting 407-05 50 50 10 10 50 Facefords interacting 407-05 50 50 10 10 50 Facefords							1] et tree	e Social Port	Ren (

1.2.2 Test the configuration of the read-full rate parameters in

the cabinet-like scenario

Using this function, the scenario is generally that all tags can be read with one command. In the current case, retail and smart medical cabinets can read all 300 tags in about 3 seconds (the data in this case is for reference only, see the test environment for details);

When the user needs to test the read rate of RFID tags, for example, a smart medical cabinet needs to test the read rate, assuming that the cabinet has a total of 300 tags, it needs to be tested 10,000 times as a reference base, and through the statistics of the read rate of 300 tags, you can choose to check [Save Log] at this **time**.

In the case of [number of runs = positive number] and the time interval is greater than 1ms and [freezer test] is checked, there will be two important observation areas:

(1) The data on the right will be refreshed every time a command is executed, which is convenient for users to observe the number of tags read each time. If there are too many missed readings, the inventory can be stopped in time, and the parameters can be adjusted before testing to avoid unnecessary delays in testing time.

Buta Samatorial Quantity	59-00 	Ong/Sec) to D al baration(al) to	tal Tay Formation	
Acrist Acrist This Book Logist () BookCourt	Nin MIT [0	0 *= xm (r	00 00 	00 000
4 :::				
			- hit)rda :	Dariul Fort Real
	Buts Ch Securited (marity) Acrist Acrist This head loant () Acrist Acris	Salar Ca Salar Ca Tage	But the Second rest of Gaussity Specify (Sec) Specify (Scc) Specify (Scc)	But the Second rest of Gaussithy Specify Sec) End the formation in the Second rest of Gaussithy But the Second Function (In Second Field Fi

(2) The record file is automatically generated in the directory of the same level as the demo, so that it is convenient to clearly view **the reading time, test time, and running times, and can calculate the reading rate.**

InventoryTe	sting-log.t	xt
RFID API ve	r1.dll	
😂 UHEDemo.e	xe	
University of the second secon		
InventoryTesting-log.trt - N	iotepad	
Elle Edit Format View H	elp	
[07/25/2023 03:55:12.9	46 pm) 00001	time consuming 5596 ms, (antenna group1), TotalReads: 0133, TotalTags:128
[07/25/2023 03:55:18.8	40 pm] 00002	time consuming 5596 ms,[antenna group1], TotalReads: 0130, TotalTags:125
[07/25/2023 03:55:24.6	00 pm 0000	time consuming 5595 ms.[antenna group1], TotalReads: 0128 TotalTags:123
[07/25/2023 03:55:30.2	42 pm 0000	time consuming 5599 ms,[antenna group1], TotalReads: 0130 TotalTags:123
[07/25/2023 03:55:35.9	47 pm 00003	time consuming 5594 ms,[antenna group1], TotalReads: 0129 TotalTags:125
(07/25/2023 03:55:41.8)	37 pm) 00006	time consuming 5598 ms,[antenna group1], TotalReads: 0134, TotalTags:130
[07/25/2023 03:55:47.4	49 pm 0000	time consuming 5595 ms, [antenna group1], TotalReads: 0131, TotalTags:126
[07/25/2023 03:55:53.1	47 pm] 00008	time consuming 5596 ms.[antenna group1], TotalReads: 0130, TotalTags:125
[07/25/2023 03:55:58.9	79 pm 0000	time consuming 5596 ms,[antenna group1], TotalReads: 0136 TotalTags:131
[07/25/2023 03:56:04.6	70 pm 00010	time consuming 5596 ms,[antenna group1], TotalReads: 0130, TotalTags:122
(07/25/2023 03:56:10.3)	95 pm) 00011,	ime consuming 5597 ms, [antenna group1], TotalReads: 0132, TotalTags:126
[07/25/2023 03:56:16.20	88 pm] 00012	time consuming 5596 ms,[antenna group1], TotalReads: 0133, TotalTags:127
(07/25/2023 03:56:21.9)	75 pm] 00013	time consuming 5594 ms.[antenna group1], TotalReads: 0132, TotalTags:125
[07/25/2023 03:56:27.8	06 pm 00014	time consuming 5596 ms,[antenna group1], TotalReads: 0130, TotalTags:124
[07/25/2023 03:56:33.6	14 pm] 00015	time consuming 5594 ms,[antenna group1], TotalReads: 0129, TotalTags:124
(07/25/2023 03:56:39.3	99 pm 00016	time consuming 5596 ms.[antenna group1], TotalReads: 0130, TotalTags:125

Note : This screenshot is just a simple demonstration, so the data looks very messy. In the actual application process, the **total number of tags** should tend to a certain number, and it will not be so messy.

(3) When [Save Log] is checked, every time you click [Start Inventory], the log will be cleared, and then new data will be recorded. If you need to save the previous data, you can change the name of the log first, and it will not be replaced.

2 access tags

2.1 Obtain and set the working antenna

sier setter louisfieler set se	rall hert Assater Hethert setty Hundr	tion, londa paration.	
and ny transmissi Te flow dian Annul secoch enterne Anti V Cet	Accessed (425)		
Lef Lalastist. Let	v_	ral Tag Litt.	~ 14t
a kédarona congéa kurk] kasarma≷® 20) ISAS 🔽 Sharkadhrimisi), S	ingentanie.tt.) [*	Aufmann Sunderfictionaless Sund
o o To. Vitedetotati.			® AsiAtin C • • • • •
haarvad 0 Lanixord) 0	usé 0 Landworé) 0	Coar 0 Landaceá) 0	session 🕮 V Targat 🧑 🗸 tardisés 🖬 🕅 🐨
set usp -Lectureu - O Sana MEO 300 MEE (aro mo aro	-Lookuppa Olaalaada Olaada O	to one that Community and
Gliver ta sécara eru syb	n ⊛uestan an a	Save Tegs	-1111 cm -1111 cm -1111 cm
I Lt.	PT-	ſ	fanlar de Fanlar F
			>
entire district. V mark line			$\equiv e_1 + e_2 + e_3 + e_4 + e_5$

2.2 Selected tabs

Users can inventory tags in the inventory interface now, confirm that the tags they need are in the tag list, stop the inventory, and then they can pull down on the tag interface of the [Access Tags] interface, select the tags they need, and finally click the selected tag.

The function of the selected label is to operate on a certain label, and the nearby labels will not be affected.

Notice:

(1) The selected label will not be saved when the power is turned off.

From Serg 2007 (1963) State for The or Fores (Fores (Fores) Fores (Fores))	
Investory Tag Uperation	
Tag Uyuratixa	
Survey Set (12)	
Takho o	
a Good Tortist	
2.011.0000.08.27.000	~
For /or 1 3 of 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.1
- tack Advature 230 H / 2000 CC G C / 2 4 5 C	
Friend U., La Lan), U., La	The Bulbit of
Luto. 20110000000000000000000000000000000000	
Laking 2001 00000 202 200 202 200 202 200 202 200 202	
2011/0000/20232/9	
	(77
	3111
	tasé.com tr
23011700000000264430	~
· · · · · · · · · · · · · · · · · · ·	
c	>
Acedia Barez - Zer Con	Retarista Serail Fort Acrator

u Trinini aval ≫ritrà Antanas anti vi ten	3at 1				
g Salartixa Gab - TS 00 11 7	n nn nn ne nn nt to co	79 - UK	al Lighters <u>20</u> 80 (1700)	0 00 00 08 82 /S (S 93	Set
ed≂vite Single Seck—) Seceved® th. — ()	ты сын 🖂	starteider (au ML) 📑	Startus (1933), 2	Wiltigst = to obdivise where	ta tê
in - The Call of Child				8 Electricite = ○ *-it ·	-vite
al Matrifica encyed * Leafe	sed: * Tid *	Lastradi -	June Lastword)	Serrica 🏋 🗸 Larger 5 🗸 Saedas	da 🐂 👘
da Tag Londa Araa Ol Muure Tag I O M	г., онт отт	O INF	->sä¶ es ⊖ tr≟est = ⊖ ->sis	Oreanal fal O for one fa	Leef
· SeedS	осхтара ^{Сонступи} (0.14)	Circl.	104.10	Sill Teg F T., (175)	r
- 10	<u> </u>	n:	247	Dartie Aar 1	See NG an and
utson history - Mikat	o (lee			🗌 Valens Ge	an tao ing a
numer 14 11 15,155 pe	teoceastpolistok mará szoceeded				

2.3 Get selected tags

You can click the [Get] button to get the tag selected by the user. If there is a selected tag, the tag information can be displayed. If not, it will not be displayed.

såer betog (2000-720 blef 6405) berbild hort Acribert Bethort betog	Function, Lorda paration,		
Analogy Ter Operation Ter Operation Annual secole annexes Annual Secole Annual Secol			
rek regeszese	Verral Teguist. to r. 11 %	un un ue us stime us so	~ 141
kanàlarana aongia kush ⊙ kasaraad@ 200 O oot O 1823 Skerkalko≂1620	2 stutteriscH1)	Aultonet Seedeal B	isaica sud
no o Tou Mitabata (் கண்டு	ar 1 ar 11 ar 1
Fron Tornik Henerek O Lenikerél O Loš O Lenikerél O	taar 0 Laniacrói 0	sensor 📶 🗸 Targat 🤾 S	Madada Matritis
regiment - Pediment - Oliver All Oliver Oliver Oliver - Oliver All Oliver Oliver Oliver	-Look-spe O Jalook O Look	Official Ballinearies	Lotia
filme testarar.uta Sije Sije	Save Tegs	-fall sep Tall 2-10(170)	7311
I I	fr r	fr dar	e Forton P
¢			,
arabias distany. 🗸 waxe lleur		Ξ 6	sea Sector for the sec-
29-07-05 06,11,18 183 Sabarandy Habbà 29-07-05 06,11,18 188 Caesaid corrected 29-07-05 06,11,18 183 Caesaid corrected 29-07-05 06,13,13 20 Caesaid and the second second 29-07-05 06,13,13 267 112122 80 11 70 00 00 02 08 82 75 08 50			

2.4 clear(label)

After clearing the label, the previously set selected label will become invalid.

From Series 1997 1997 1997 1997	Sec. for	To a File Seg Be	or to for types to a					
Investory Teg Operation								
Tag Operation								
The second second	-	Views-1 (12)						
Vali 🗸 🥵	-							
<u> 56.5 0 0</u>								
à			teriar protection		-:	v		
Freedow in Stager Free					_			_
O Francia (0) 775 - O 777	ကြားမျ	 Streittik (MODE) 2 	Sing (an Griff) a	^ ^			- 30J	
- anata u an Referencia (1720)				00 h	Luter () ana a	•• •	
-kand Animakank								
Frences V Landaria	0 1	0 Lecture) 0	Dan U La Gara (500 au 20 au	Tie et R	2 F	T Billeit	×.
task for								
O Arrest 2rd O Sill 2r	i ⊖ 24° (ு ப	Oʻlda Oʻlak	🔆 Farrigans Urik()	fermont	,	- -	
there is furthere	-14736	r=574	Sec. Les	K Top				
Class: Enclose	-с-нас — — — — — — — — — — — — — — — — — — —	1101	Sole Tree	K for Sill ordened.			sill	
Class Environment	nta −terre −terre	tturt	Constru-	Ministry Con- Bill Prelocation	L et dar.	N/C	sill tanài cara	h
Class Environ	-serae −serae -serae	15875	Sa (Tr).	K for Bill Peduarit	L et dar.	87.5	Sill ta sélecto	Þr
Char Frank	-сагао Элин — Элин Элин	th.	Sur Tre.	K for Bill Pedozofi	L et dan.	M.:	sill brižkom	ŀr
ther Frank	стар (1996) -селос -селос	tturt tt.	SurTr.	F To, SIII 2404251.	L st sLar.	N7.7	Sill hetiotec	Fr
the form	стор. — селон ТГ Ж. — селон — сел	1.554	SurTr.	K for SIL Pelozali	L st sLar.	N	Sill Basilout	Fr
Char Environ	стир — салас ТГ Ж — Т t-	2.534 2.5 MT	5 · T	K for SIL Webazata	L et sLar.	N.7	sill Na sélectro	Fr
the fortun	-tarac ⊗ ∏' ut-	tt urt tt-	Sue Tre	к то, 311 ж40.221.	L et that.	872	sill tasi.com	Fr
tlas: Endor	-снязк Ж Т н	LT 4/1	Sur Tre	к то, 2011 2440.4251.	L et that.	M.	sill tasi.com) Fr
Clase _ for Som	-54730 3. T.	tt.	Sur Tre	F 10. SIL 240423.	L et sker.	80.5	sill hasiloun	>
Clase ☐ Fordier I F.	-serae -serae	tt.	Sur Tre	к то, 2011 2440.4251.	L et dar.	REA:	Sill Na siloun Lans Li Fart A	Pr >
Viac Fraction I Fraction <	-serae (10) (10) (10) (10) (10) (10) (10) (10)	LT 4/1	En · Tr.	F 10. 2011 24404201	L st sLor.	(71.* k74)	sill tesilotta	r s
View Free free ■ Free ■ <td>-Sense R Tr R Tr - L - Constant - Con</td> <td>ET.</td> <td>5 T L</td> <td>F 10. 2011 2440.4201</td> <td>L et dor.</td> <td>(11) (11) (11) (11) (11) (11) (11) (11)</td> <td>sill Hesilotto</td> <td>))))</td>	-Sense R Tr R Tr - L - Constant - Con	ET.	5 T L	F 10. 2011 2440.4201	L et dor.	(11) (11) (11) (11) (11) (11) (11) (11)	sill Hesilotto))))
Class Free Sector ■ Free ■		E 10 11 11 11 11 11 11 11 11 11 11 11 11	5T Litt	F To. 311 240(42),	L to then	80.0 (12=804 (i sill Na tá contr tars ú hort A	Pr >
Class Free Service ■ Free		n ne m nt to m te	5 • T . • . L t : L	F To. 311 240(42);	Lie der	80.0 0024 804 (Sill Na kilonet Lans Li Parts A	Pr >
Class Free Service ■ Free		F-574 EF- EF- EF- EF- EF- EF- EF- EF- EF- EF-	En . Tr.	F To, SII 240(22),	L et ther.	011 KT	Sill Heldown	> crater

2.5 Read tags

label area	initial	length	Remark
	address		
password	00	04 (Adjusted according	Password area = destroy password +
area		to actual needs)	access password
EPC area	02	06 (Adjusted according	00-02 in the EPC area is PC+CRC
		to actual needs)	
TID area	00	04 (Adjusted according	not writable, readable
		to actual needs)	
UER area	00	04 (Adjusted according	user area
		to actual needs)	

password area	destroy password	access code
start address-length	Start address: 00 Length: 02	Start address: 02 Length: 02

The first two bytes of the EPC	PC	CRC
start address-length	0-1 word	1-1 word

The principle of reading the four areas of the label is the same. The following is a simple screenshot explanation for the password area and EPC:

	107 1001	Areatian 👘							
	heating								
Aux.	ul secolo i	MACHINE.		Arrenfyd (Afr) -					
iat	a ~	Gab	141	00 00 00 00					
- 47	calactor								
	ter:			Canral Tag	Lieb. Beine 11 folge in beine beine .		~	141	
es d		ria turk							_
₿Ŀ	4247*48D.	240 O	0.844	 StartAd±(=0.0), 0 startL 	anistet (and Seeding	i ti Siaka	S Seed	
n Vib	o foi Desenado).sloci#oi ta	o		
F	The first	1			1 -				
ha	erez 0	Lenlace ()	3 I.S.	0 Landwordd 0 Lawr 0	Landword) 0 session 20	v Targab 4	9 Бо	asa <mark>kumi</mark>	ν.
жł	- 47								
-6	eet waar Ditaan N		0~ 0	TD OPEN ONLY	 Obstack Obstack Bit 	0.5	1	_>tk	
			0 0			0.0	1		
			5	ND	1.11				
	Class -	ta sizaraki	- riter 🛞 167	2.0	Save Tage (177)	•		500	
	Clive I	E ha sésara or	- uftr. (8) JH1 TFT	2.0	Save Tage 7.00 ~0(177)	r	4	Tau For for	_
•	Clive I r 2 24	i in sé≞arakr • •	th as	FF" 11 11 11 11 11 11 12 14 14 14 15 11 14	Save Tegs 5010 ~1(177)		A. Anti		î
,	CL - cr 1 7 2 2 1 2 1	■ ta sézarzer 4 1	- uptr. () jji:2 		See Tags 1011 ~ 100000 To a 1000000000000000000000000000000000000		A. RADI	5.01 F7.00 1	
•	Clive	■ ta sizara	- uptr. - uptr	FT 1 11 11 11 11 11 12 14 16 16 16 15 11 15 The set of the set o	Second Tage Tage Tage Tage Frage Tage Tage Tage Tage	Fr slas = = = =	An Anti An Anti	5.00 5.00 5.	Î
•	CI - ce 1 r 2 24 2 24 2 24 1 1 1		- uptr. () jj2 - rp- 	Fri 1 11 11 11 11 11 12 14 14 14 15 11 14 1 11 11 11 11 11 12 14 14 14 15 15 11 15 1 11 11 11 11 11 12 14 14 15 15 15 15 1 11 11 11 11 11 11 12 14 14 15 15 15 15 1 11 11 11 11 11 11 12 14 14 15 15 15 15 1 11 11 11 11 11 11 11 11 11 11 11 11 1	Second Tags	- Trolat = - = -	An Recti An Recti	F	
Þ	CI - c - 1 7 24 - 2 24 2 24 1 - 1 2 24	- to sizeraor	- uptr. () jp2	1 1 1	3xxx Tap: Tap: <td< td=""><td>- F + + I + + + + + + + + + + + + + + + + + + +</td><td>An Marti An Marti An Marti</td><td>5.11 F 1 1</td><td></td></td<>	- F + + I + + + + + + + + + + + + + + + + + + +	An Marti An Marti An Marti	5.11 F 1 1	
•	CI - ce 2 24 2 24 2 24 2 24 1 2 2 24 1 2 2 24 1 2 2 24 1 2 2 24 1 2 2 24 1 2 2 2 2 4 1 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	- to sizenaer	- uftr. () JP2	M ¹¹ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	See Tap Tati ~ igno Tot		Vi Reti Vi Reti Vi Reti	Tall Fun Tun 1 1 1	~
•	Cl - ce 1 7 2 24 3 44 4 44		- uffr. - uffr	№ 1 1 11 11 11 11 11 11 12 14 14 14 15 15 11 14 15 1	See Tage	• Frankan = • = • = • = • • •	A Mari A Mari A Mari	500 For 500 1 1	~
e e est	CI 2 24 1 2 24 1 - 1 2 24 1 - 1 1 -		- Lyfr. (a) JH2 - FF - FFF - FF - FFF - FFF - FFF - FFF - FFF - FFF - FFF - FFF	№ 1 1 11 11 11 11 11 11 11 11 11 11 11 11	See Tap Tati ~ ((75)) To	· · · · · · · · · · · · · · · · · · ·	An Anti An Anti An Anti An	500 - 500 -	~
e erst S=0	61 - e	 Ka ska araker La La<td>- syte () jp2 - syte - syte -</td><td>HT </td><td>See Tag</td><td></td><td>An Antol An Antol An Antol An Antol An Antol An Antol</td><td>5</td><td>~ ~ ~</td>	- syte () jp2 - syte -	HT 	See Tag		An Antol An Antol An Antol An Antol An Antol An Antol	5	~ ~ ~
e erst 5-0 5-0	Cline I F 2 24 1 11 2 24 1 11 1 11	te sizeraser te sizeraser	- Lyfer. (a) 1922 - PP - PPP - PPPP - PPP - PPPP - PPPP - PPPP - PPPP - PPPP - PPPP - PPPP - PPPPPPPP - PPPPPPPPPP	HT" -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -		r r r r r r r r r r r r r r	An Annol An Annol An Annol An Annol Annol	5	· · ·
c 2000 2000 2000 2000 2000 2000	0	the side states of the side states	- Lybr. (a) Jic. - FF -	1 11 HT 11111111111111111111111111111111			An Marci An Marci An Marci An Marci	5	× · · ·
e ent 200 200 200 200 200 200	Cline	the side starts of the side starts	- uptr. (a) jpc. - pr - pr - b) cc 	FT" 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	See Tap: Tati Tap:	· · · · · · · · · · · · · · · · · · ·	An Anna Ann	5	
c ent 3-0 3-0 3-0 3-0 3-0 3-0		the side start of side s	sign () () () () () () () () () () () () ()	1 на на пробесси на пробесси на на пробесси на на пробесси на пробесси		· · · · · · · · · · · · · · · · · · ·	A Marti A Marti A Marti A Marti	Tall For Ton 1 1 1 2 3 3 5 0 - For T	

Baular formy 18000-60 Tex Terr Social Part Resider Buffert formy Puerties Codisportion Terrentery Tag Operation Tag Specation. Based derived Animalysi (182) 00 00 00 00 - fat fat Tag Delettion , feet Carol. Seg List: - Set. Nod/With Harls Byd Buleibet [] Breiffelteffelte Inel 0 Mainten 10 0 10 0 40 1 Disentable (MORE) - (1) Distantion (# Wilte Tag WiltsDataDED BRittmite Obife Brite Source & See. 10 tering a line we then a room with all B 111 H Lawrence W. Lob Tag Lob Area Lostype O teleté Earth O Arrow fet O Mill fest O Mft O 1028 O 1028 Glash C Pression Wild Consume Lo 100.34 THE THE and the state of the state Thes T 10044 1.39 1111 (++10421) 3111 CIRC inc Same Battalan No.1 hallow -20.63 AN 44 18 20 82 10 11 10 18 18 18 11 34 68 \$2 40 17 68 60 10 GP 11 82 31 68 80 10 hirt ite del THE REP PAR HAS BEE \$23 THE DIR \$25 TH 18.08 04 (H) 10 TE OD DI DI DI HO HO CO DE HE TE CA PY 00 HE 24 40 61 01 HI 10 00 00 HE 00 100 4eri 10 GH 11 12 10 44 10 46 17 10 10 10 11 12 \$1.40° TH 40° 11-20° 77.44 TH 46 TT 40 11.02 Ì. Aug 1 at im 47.46 THE FT AN RE AN RE TO BE AN RE TO 28 of as in in to 71 as 88 As 88 in as 14 48.42 Artivete Serial bort Reiber Question Matter: 22 Into Gam

Remarks: If you need to operate on a certain tag, you can select the tag first, then read or write the tag.

Since the reading and writing tags under the [Access Interface] are more difficult than

inventory, the power should be set higher. If the selected label is not within the recognition range, an error will be reported, as shown in the figure below, in this case:

- (1) can try a few more times
- (2) Turn up the power
- $(\mathbf{3})$ The tag is closer to the reader

haan 16 g 👘 🖓 196 19	See for The or 1	S for Seng Mere of Sectors	••					
Investory Teg Operation								
Tag Uparati x								
See S. d. W. con	<u></u>	21(12)						
V 54	5, 00.00							
54, 50 at 10								
Ä		Court To-	i ar			~	5	
Freedow in Stephen Freik								_
O Francia (0.75 - O 11	ം പ്രം പ്രം	envile(mmer 0 - 7 or 1a	Gret) =	<u> </u>	□ · · · ■ ·I	10.15	5 - Dod	
artite aug								
•0.0000000				00 h	n • in - i	j erste	•• •	
- Kende Andreas and								
Remen 0 Linkari) 0 1,0	tertern) 0 for 0	Lecture) 0 5	·· ·· 30 👳	The set R	v. Fro	man Belleit	~
lack for								
lask dese		lank"spi						_
🔷 🔿 derese ord 🔿 dill o	н О <i>м</i> с Оты (0 16 O 16	Olank Ohm	nurano (r≟k⊖).	(weight _)		· · ·	
	-1483/8 1994			-				
			C	·1.				
Char Environ	т ≋ т	11 MT	Co. Tree	11 2840.4241.			3i11	
Class E fondor	и 102 ж. р. "К. – Б.	1101	Surter Si	11 240424).	L et dar.	N/-	sill taul.com	Fr
Class: Enclose	обоўся — — — — — — — — — — — — — — — — — — —	1187	Surter Si	0. 11 2+304251.	Lut dar.	RF.C	Sill Naukount	Fr
ther for the	unub ⊗π. It- tt-	1181	Sarter Si	ni 11 orduzele	L et dan.	N/A	Sill Batéloge	Fr
the form		11011	Sarter 3i	il selani.	L et dan	N/:	Sill Nasiliotti	11
there for the	n'n⊅ ⊗ ∏'	1101	Sarto. Jat	n. 11 zelozal.	L et sLor.	N/3	sill ta sélostro	r1
the function	unun ⊗π. Br	11011	Sur Trongi Line	n. 11 e-fozal.	L et sLor.	85.5	sill taui.com	11
the function	unin≱ ⊗p.	1101	Sur Trr.	n. 11 e-bazal.	L et aller.	85.5	sill heridation	Fr
the forte	n, n≱ ∭b. Tr pt	11011	SurTer. Let	n. 11 eeduaat.	L st sLor.	80.5	sill heti.com	Fr
Char Environ	α ⁺ αβ ⊗ π. 	11011	SurTrongi Lent	ill seduard.	L st sLor.	N7.	sill hasiloun	Fr
<	n 'n⊅ ⊗ p. t. tt.	11011	Surt.	il educi.	L et skor.	N/3	sill hasiloun	tr ≥
the ∃hotor	n 'nh ⊗ p.	1101	Sur Trongi Line	il educi.	L et sLor.	N.T.	Sill Reducero	Þr Þ
Chec E fontes F.	n interpretententer i. n terpretententer i. n terpretententer i. n terpretententer i. n terpretententer i. n terpretententer i. n terpretententer i. n terpretentententer i. n terpretentententer i. n terpretententententer i. n terpretententententententer i. n terpretententententententententententententen	21101	Sar Ter.	in educi.	L trabar.	N.T.	Sill Residence	> CFLICE
Chec ⊆ Forstor	n "ub ⊗ m" 	1101	Sur Trong	ill educi.	L st sLer.	N7.7	Sill Resilient	> CFLICE
Check → Franker Check in The Second Secon	n fut ⊗ p tr tr tr constat i tr tr tr constat Tr	11011	Sur Trong	ili eduad.	L et dan.	R	Sill Batélonn Jaro É Foro A	> CFLICE
Chec ☐ Forsion I F. According Total of Zerold According Total of Zerold	n fu≱ ⊗ p: .e. ₽. ₽.	1101	Sur Tro.	The second secon	Lut dan.	NUT	Sill Residence	> critter
Check → Free Terrary Check → Free Terrary → Free Terrary	n n h ⊗ m 		Sur Trong	ill educi.	L tr tLer.	PK.7	Sill Resident	> critter
Class Environ ■ ■ ■ <t< td=""><td>n fu} ⊗ m </td><td>11111</td><td>Sur Trong</td><td>ill educi.</td><td>L es dan.</td><td>PA.1</td><td>Sill hatilour</td><td>> critter</td></t<>	n fu} ⊗ m 	11111	Sur Trong	ill educi.	L es dan.	PA.1	Sill hatilour	> critter

2.6 Write tags

label area	initial	length	Remark
	address		
password	00	04 (Adjusted according	Password area = destroy password +
area		to actual needs)	access password
EPC area	02	06 (Adjusted according	00-02 in the EPC area is PC+CRC
		to actual needs)	
TID area	00	04 (Adjusted according	not writable, readable
		to actual needs)	
UER area	00	04 (Adjusted according	user area
		to actual needs)	

password area	destroy password	access code
start address-length	Start address: 00 Length: 02	Start address: 02 Length: 02

The first two bytes of the EPC	PC	CRC
start address-length	0-1 word	1-1 word

The four areas for writing labels have the same principle. In addition, [Write Label] has two commands, corresponding to two buttons. The following is a simple screenshot description for the password area and EPC:

nl With Ateas V 147 Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss Salartiss	- Modesshuid (Set	- 10.041 - 1	e 1: 55			
Salartina Salartina Salartina Poita Singla Sank anarrad (th. OTL)	×0.07 TP \7.00.01	. UKAL . U	e 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			
sat ⊃m te stromm ≂vita Singla Sack anavad⊖th. ⊖t⊔ (40.07 TX 10.00	.undi .u	e la seconda da seconda			
≂vite Single Seck enerved⊖th. ⊖t⊔ :			$=$ $=$ \sim \sim \sim \sim \sim	0 40 07 20 37 08 81	~	Set
accord by. O the C			-			
	C LEB 🛛 🖂 LEB arter	(čár (s.H.) 👘 Steri	LIG(702), 2	#dtiat ta	uðfalnskurðin 📃	ta uč
· T						
et er elkter)				🛞 Electoria	a ()•60 •	vite
Maria						
" (bowtest) beve	or hit is a	word: The law "	_astrond) *	Section 🔨 🖉 - mper	🔨 😒 Saadiisha 📍	1.18
Tag						
Denne far Olf - far -	OWN OTT ON	86 C C	er O⇒ek ()	Second Table To com	. Ia	Lech
T	⇔ lo π	Steel.	104.10	Sill Teg		r
	©			·		
- x o	а то		<u></u>	247	o ta boli	
1 30 00 44	<u>22 – 22 80 99 9</u>	5 20 00 40 07 20 37 08 81	wwww	•	Jati i	

As can be seen from the figure, the current tag's **destruction password** is the default 8 Os. Now demonstrate [Write Tag], just fill in the content you need to modify:

Serie Serie Inner in the Free								
unwentery using uper stoom								
- LF - FAR LELKE								
Manual Seator Valence		VIII						
× A	6.4							
Tee Colontine								
94 <u>2</u> 30 89 95 2	0 00 40 07 29 57 (····	Top 1	20.00/20.07/72.57.00.0	u N	~	64	
Sector Greaters of				_				
ο nu Church	0.1246	 The Ann GCH () 	0.000 (% 000) - 2	_∎ansta	<u>_</u> 500%	F69.	Free	-
Triba Tag an official (198) 11-11-22-22) with	. Point	
and reflection's								_
The second secon	. та		1	Station in V	$f(r_{12})=\frac{1}{2}$	$ \gamma > 0$	Note States	~
To To								
			Loren or	A			Link	_
🔆 mooraa Kudi 🔆 1211 Ku	а он. о	LL CLER	Ohink Ohin	Offenerat bls)	ternurana L	•	1.1.6	
	-Siggroup	Ph						
	eTrSi colen	Start	2000 Dog	1.11 1.11			1.11	
The Dorport	00,70 07:1	Start	Terri Terri	ALL PACKED			1211	
Line Usofficia	етото — 00,700 — См	24V	John Tray	ILLI Failtest	Jetacas	.int	inii Seeltymt	
- A	00,70 90,70 90,70 90,70	240 240 72 00 62 95 20 00 40 07 72 5		ILLI FACIFESI	Jetu as 0	Jat Val	lall SeelVast	Ar 991
- 20 - 20	00,00 00,00 000 72,00	240. 240. 79 00 68 95 90 00 40 07 79 3	Jata Jata 5 M M – Ul	ILLI FACIFESI	Jeteras O	Aat Val	tall Seefforst I	Ar 991
- A - A - A - A	et (5) (6),70 (3) (7) V	240 240 72 00 62 25 20 00 40 07 72 5	5 5 Jata 5 -00 -01	International In	Jeta.as 0	iat Val	inii Seedivant	Ar 991
- X - X - 1 0.00	1.51 00.50 037 77 5	247 247 72 m (2 95 20 m 40 07 72 3	5	In the line (Jatawa N	iat Val	iaii Seedivaat I	∆: ≫1
- 20 - 20	etu 51 00,70 00,70 00,70	200 201 2010 20 20 20 20 20 20 20 20 20 20 20 20 20	Jaka Jaka 2 m nl	Tall Failurs	Jatures A	iot Val	inii Seed(vant	A: 991
- A - A - A - an on	et et e e e e e e e e e e e e e e e e e	200 200 (2005 20 m 40 65 79 5	Jaka Jaka 2 00 01	Tall Palles	Jatu us A	iat Val	tail Seed(vant	A: 991
- 20 - 20	et et e e e e e e e e e e e e e e e e e	245 245 25 m (# 25 20 m 40 65 75 5	500 502 Jaks 7 00 01 - ol 1	Tall Padies	Jatu 10	iat Val	iaii Seekivaat	<u>Ar</u> 201
- A - A - 1 30.00	etre5a (00,200) Car 	247 27 00 62 95 90 00 40 67 79 5	Jaka Jaka 27 00 01 - oli	Tall Pelipasi	Jahanas A	iat Val	tall Saadtonat	∆⁄ ≫1
- 20 - 20	eTo 50 (00,00) (22) (22) (22) (22) (22) (22) (22) (245 247 29 m (29 85 20 m 40 65 79 5	Jaka Jaka 27 00 00 - oli	Iall Pečikasi	Jetu us 0	Jot Val	tall Seektonst I	Ar Sel Selaritar
- 20 - 20	eta Sa ese ese ese se se se se se se se se se	201 201 2010/2012/2010/2010/2017	Jaka Jaka 2 m nl - nl l	Tall Pečikasi	Jatu 10 0	Job Vall	tall SaadVont I	Ar 1991 Ar
- 20 - 20	eta Sa Car Car Car Car Car Car Car Car Car Ca	200 200 (20 25 20 00 40 65 75 5	Jaka Jaka 27 00 01	Tall Padiman	Jetus 0	Job Vall rhivete i	tali Geodynak T	Ar 1991 Seiter
	etros esc esc ver ve los ver ve	200 200 (2005 20 m 40 65 70 5	5 (m 7 (g) Jaka 37 (m 6) - (d)	Tall Pačinas	Jetus A	Zot Vari	and See Wood I	Ar Sel
	eToSi (0),70 (22) (27) (27) (27) (27) (27) (27) (27)	24 20 20 (20 (20 (20 (20 (20 (20 (20 (20 (20 (5 cm 7 cg 2	Izil Pečiezu	Jeta_as 0	Ant Vari	said yet a	Ar Sel
	0. 20 0. 20	201 201 20 00 20 20 00 40 00 79 5	Jaka Jaka 2 m nl - nl -	Tall Pačinas	Jeta_as 0	Ant Val	sail Seekynt I	Av Sel
- 20 - 20	eTo 50 030 220 72 70 70	201 201 2010/2012/2010/2010/2017 2010/2012/2010/2017 2010/2012/2017 2010/2012/2017 2010/2012/2017 2010/200	Jaka Jaka S M M H	Tall Pačinas	Jaka 10 0	Aat Val	sait sat	Av Sel

After the prompt modification is successful, click Read again to see the new data.

Header Lates 10....75...49..495 Lars L Fort Souther Hethert Lates Function Lonis paration

Turning Telleration	
Ter Oren di na -Austri, secoch accesso - Accessofed (din) -	
 Vist 241 00 00 00 	
19-12-12-12	
the Print AS STITUTE PLAN AND THE CAREAR THE LINE AND THE AND THE AND THE CAREAR AND THE AND T	Al un tal an us de la set
terzőnette szerőe bud- R teneneső⊖ 240 – O szt. – O 1823 – V – Startsátór™0810, 0 – szurstanús, H1 – T	Auftream Seedball bisecion Seed
"VitaJete(A2A).	C
Fron Min Fronk Instantiveč O Laniverči O Laniverči O Laniverči O	senser 🗿 V Targat / V teadrood Million
-Loot _ur	
- tech weter - tech-ppe ⊖ Vores N + O tall N + O tall O tall N + O tall N	n no BaiQ Second Second Second
	Lil Lur
Clive backarachuight Sign Sign Sign	500 %-00TX0
L D D D D D D D D D D D D D D D D D D D	finder A Burlin B
b 2 all and 44 mb terms for an all 44 mb to be an all 41 mb to an all 12 fits an an all 44 mb terms for all 12 fits an an all 12 fits and an all 12 fits an all 12 fits and an all 12 fits an all 12 fits and an all 12 fits an all 12 f	4 and 1 /1
¢	>
n at star a t	
Vyerebitas direbitary. – V Mata Lukier nerven server in dir i ar van versi versi	M M
303-07-08 (1.40,17-48) Company discremented	
3029-07-08 11.50, 19 508 Foi Estag	
2019-07-16 11:51:19 606 Command Electronistic 2019-07-06 11:57:54 561 Sand Tag	
303-07-08 11.57.59 468 Connect corrected	

Note: If **the selected tag is used** and **the modification is in the EPC area**, after the writing is successful, it is necessary to cancel the selected tag first and then read the tag to find the tag

modified by the user, because the EPC value of the originally selected tag has changed:

Inidia form 1000-60 Tep Tert Jurial for Smither Buffert form Function Configuration Decembery Tag Sparation Tag Speculies. Record South Antoneo Annual VICTORY 00 00 00 00 Out Set Tag Selection Canvell Try Live 10 44 30 44 30 10 48 48 50 10 14 - Set. Real/Write Single Sub Balaine Theadhlathachte Baas 21ar344b-(90001-)7 Observability Otto Otto -Turtlas/0001 Nilly Tag Resident/HED @ Maddelte O Wite Wite Reschartight Lances W 112 W Lancest F 1. N B. Jaisim M. family a committee which Lob Tag indfyps O'9slat# Lie) CANNERS ONLINE ONE OTH CHER Oterman hild Termant Le Lash 6111, Tag Gass Deallersellafte Tree . 34 Test 1.24 1111 (++1041) 8.11 Datalas ĸ OK 100 44.1 Real Court 1 10.01 自務 THE TT AN ARE AN ARE TO BE AN ARE TO BE 5a) TP. 4 de la l i. Operation Ritters Salars Class Bannen Seisl fert Benter

Example: Modify the value of 5677 of the following label to 1122:

Enter a value corresponding to the length:

seesson		
And Games and Ga	-memory - Ly -per mich.	
Image: Second	- LF _ per Kiter.	
To School in Signed State Stat	V & C4	
4a Mark M M M M M M M M M M M M M M M M M M M	Te 64 of o	
Sole Vie Gold - Du O Source (M M O THO O FME v Source (M)) ≥ Grant - (MNS): 1 □ MADENA = Form Forth For Mile Tag and the Source (N = The N = Control (N = Con	64 56 // 20 ≤ 20 ≤ 20 ≤ 20 ≤ 20 ≤ 20 ≤ 20 ≤ 2	
Print Tag a of a UTB2	2007-00-0000000	
stat William Denne L = Til = Telen L = Til = Telen L = Telen L = Sector is V Tory & V Denne Heiser V To To To To Denses hei Chill hei Cht. Chilt Denne Tot Denne Tot Den	-vita Tag n df c302) [0 ::::] (0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	
To To To See O Book O To Message hé O Lell hé O H. O Let O Lett. New O Book O To State O To Sta	Sand Millised.	
Image: State of the state		
Jan DentSchool Trite Statet Trips Statet Trips Tail Tri- - A* CA* A* Arabitati A* - A* CA* A* A* Arabitati - A* CA* A* A* A* - A* A* A* A* A* - A* CA* A* A* A* - A* CA* A* A* A* - A* A* A* A* A* - A* A* A* A* A* - A* A* A*	I Charles Alicenter Carl Carl Carl Carl Carl Carl Carl Car	b
Line Definition Start Term Top - AC CAC AL Start AL - AC CAC AL Start AL - AC CAC AL Start AL - AC CAC AL AL Start	Service Sill for	
- N VX 2N Jaka Jak	Lieur Don Konnettofer (1) 700 Skarb Sen (1) (2) (201 Feiling) (2)	.:
An m n m m m m m m m m m m m m m m m m m	A UN 2N 2N 2N	Ł ∆:
 K Seriel Zet Wester Activate Seriel Zet Wester 	and the maximum and the set of th	997
<		
<		
<		
m m Frank I (artists Serial for Moster [artists Serial for Moster]		
on o Frons I Antible Attivits Swid Zot Boite The Antible Attivits Swid Zot Boite The Antible Attivits Swid Zot Boite	P	
	ipor o l'eros 🕑 bie Glee 👘 🕴 Estista Secial de	t Mosi tor

Prompt success, do not cancel the selection, read directly, it will prompt:

haudar batter (1999-1997) 1497 part 1 hort Acriter (Asthern batter (Astronomic priston) The story (The Overstine The Overstine

Annul sector enterne A	ernended (1822) — 00.00.00.00	
Lef effection (2.27 with with 27 11 with 27	I Canral Tag Litt. 22 88. 81	t na bt 22 44 na bt 22 14 🔗 245
-balžársza szerjia bud- O hasarmad@ 227 O Let O 1823 🔍	Sharbaddr(HOLD), 2 (ctartLania,ML)	Adman Suederlitistalen Sued
en en for Evitedetstaattel		@dodwin Cara anna
hearrei i Lecheri i Liù i	Lanimeré) Ó tear Ó Lanimeré) Ó	sensor 🖄 v Tarpat / v bražsár 🖬 🕅 v
-techner -techner Ολωγική Οριτκή Ορα Οπ	-tadayya ⊖alaxi ⊖tada Qualaxi ⊖tada	O for our dia O Second To 🛛 🛶 🕹
filmer besteraart spin 🛞 jit.	T co	-1211 Jup -1211 ->-()(720)
I I	r- r	frata A Bartan B
¢		, , , , , , , , , , , , , , , , , , ,
Nyarabiya Aisboyy. 🛷 acto Livar		■ A set Set to Term
0059-07-05 01.18.01 005 Polisareg 0059-07-05 01.18.01 115 Ceesed represented 0059-07-05 01.19.05 475 Seed Teg		
000-07-08 01.19.08 573 <mark>Taken is an Esg to be ope</mark>	rated	

After deselecting, click Read, you can see that the data has been modified successfully:

- Anne T									
asx?!	eg Vyerebi so								
Operator: 	×5 .1 4		Constraints						
	~ 44								
. 54 AV									
ă.				Good Testing 17.22.4	, II W II 77 II W II	1	~	· •	
			In the second second P	······································		A		5 3-d	1
	w.a. 0	1 01	a sustain datars.						-
9 - H							0		
0.000	707 <u>11 66</u>					® 11 a ₹-it -	C artist	••••	•
é Aritek	. ur.h								
	V Loca) 0 1	in 0 (Lecture) 0	Type 0 (Lee Gerry)	0 5.000 30	So Trend R.	Sec. For	Bilti	1
6 7 20 6 <i>2</i>				la lisp					
t "in Lant dans O Arres	, a 2+1 ⊖ 2612 ⊒ 5+1 3	1.84 0.28 0.0108 -010	OTLI O 8825	Latin Office O late Sector	C Ferniuses (c) K Top sill orders		.>	 sill	1
k Tay Lank Ann O Arres Clear		1 M 0 200 000010/0 -5405 00010/0 -5405 00010/0 -5405	Оты Оласа 147-354- 17 121075 188-	Latin Olat	C Formana G	in fermionet . d.	.>	 	L
Claser	2 2×3 ⊖ 2312 — — — — — — — — — — — — — — — — — — —	1.84 0.28 000108 - 1462 001 - 182 - 1921		Laking Olark Olark Santon Lak	C Formation (6) K Top Sill 24042	in furnished a	.5 RET. #1	 Sill Nauliotra	L
Claser	n 2×d ⊖ 3i12 = Fron 3 Fr	1 204 0 200 - 5402 -		Laskings O'Tolos O'Lask Salentes Lask Lask Lask Lask Lask Lask Lask Las	C Formany G K Top Sill Sedua:		AND	Sill Facil care	L
Claser	- - - - - - - - - - - - - -	1.84 0.20 	O TLU O RECS REF_STAT LT LET HP LT LET HP III III III LT CON RET NO. BE DO CON LT LET LT CON RET NO. BE DO CON LT LET	Laskings O'Tallos O'Lask Construs Laskings Laskings Laskings Laskings Laskings Laskings Laskings Construs Construs Laskings Construs Laskings Construs Laski	C Formans G		NATE	i i i i i i i i i i i i i i i i i i i	L
Claser	- - - - - - - - - - - - - -		Оты О 1865 1877-394 рт сталта 1877-1974	Lock Spin O'Tallon O'Dark Construction Lock Lock Lock Lock Lock Lock Lock Lock	C Formana G	il. Linder - - -	NAT AL AL AL	Sill Na sill	L
Claser	- - - - - - - - - - - - - -		Отца Олекса колория по выс история на по по по по на на история на по по по по на на на по по на на на по по на на на по на на	Link Spin O'Tollon O'Dook Sour Trees Link Link Link Link Link Link Link Mark Mark Link Linke Mark Mark Link Linke Mark Mark Link Linke	C Farmana ta K Ta Sill Adus	C. Sement .	NATE ALC ALC ALC ALC ALC ALC ALC ALC ALC ALC	sill backets i	L
Visie 	- - - - - - - - - - - - - -		O TLU O Recs NOT-STATE Lto Lint NOT Lto Lint P Lto Lint Lto Lint Lto Lint <	Lesk Sys O'fallos O'fack Societoria Lesk Les	C Formana G	C. Sement - C. Lector - - - - - - - - - -	NACE PARTE PARTE PARTE PARTE	sill hatiletter	L
Claser Claser	E 2×4 () ≤112 = F+++ 3 F- 2- 10 2 2 2 2	1.44 0.24 	O TLU O ROCCI REF_SPAT ST SET PT ST SET <	Laskings O'Talan O'Tank Construction Lask Lask Lask Lask Lask Lask Lask Lask	C Formana G	 femore - tentos - tentos - - - - - - - - 	->	i i i i i i i i i i i i i i i i i i i	

0 mention 10 areas 2 mention of a second and a second area areas areas

Operation Deviatory Rola	lata Tarra		and to		Dervill	atel	field Tay Com	minti		
Inventory Chiefs famel # Mills		36	38	55	100	203	1-14 5 00	00	04 S	4 i 18
Dedix		toud.	Coast: 51	Sec. 102	ti -474be	Sec 202	-0184	and the second	Date 7	Case.
Tablet Efg	1		Indiant	E:	IIC.		Contract of the	dail	fres00h:1	1.2
Callenite Seation		14	18	10.00	21 30 40 1	1 201 102 40 107	29 AT 14 H	lainh.	319.60	-0
		11	14	31.47	AA 10 12 1	1 (2 2) 10 00	44 10 00 00	test:	918.30	14
Internalizati Aspect		48	14	20.05	10 10 42 1	2 34 56 80 05		April 1	111.00	14
COLUMN TAXABLE		1.0	34	19.00	AA 38 12 3	1 17 39		Auth	319.90	-4
having the second secon		28	14	34 W	#2 (W 11 7	1 DE SE 102 DE	18 12 24 18	Aug 1	918.50	4
Class.	10.0	- 21	14	10.00	THE R. N	the second second	10.00101.00	Aug.1	949.00	4
		10	18	29 (9)	48 (0.01.0	0 28 03 00 40		Auth	111.10	4
av/Ster (1-6)	-	111	14	28 81	22 (0 # H	0 10 00 40 07	PF al 300.00.	des t.t.	HH 100	14
		314	14	10.05	AN 18 12 2	1 12 10 46 44	70 al 20 00	April 1	313.56	14
		15	14	25 18	拉拉两半	1.00.00.00.01		Auto	317.90	-
		28	34	38.98	AA 100 12 3	5 12 22 44 44	NE 10 10	des \$1	111.52	14
	100									
(m.Boil										
ention Kintery 🔛 Anti Clew							Ċ	-	Serial Port	Enit
PEP-98 02 82 In 2019 Common systems and PEP-98 102 87 36 877 Common systems det PEP-98 102 87 36 870 Common systems det PEP-98 102 87 36 70 70 70 70 70 70 70 70 70 70 70 70 70										

2.7 Locked area

Locking the area refers to performing related operations on certain areas of the label, as follows:

name	introduce
open	Tags are open by default, readable and writable (EPC area of general tags),
	except for special tags.
locking	The default access password cannot be written, and a new access password is
	required to write.
permanently	After operation, the label cannot be locked.
open	
permanently	After the operation, the tab cannot be opened.
locked	

Form Sergen 11, 20, 20, 30 a for Serie Felfor Serge Konne Serligen en Anne Konne Ster Henrichten				_
Investor (in the system)				
Tage systems to a second				
V 64 5 WWWW				
The New York				
a food To Sat 7 22 W If with	n n w n	I	v 5	
Freedow a Single Free	— –			
O Ferrer (0,755 O TT - ()1555 - Stret Me(\$1000) 2 - 3 or for a TR) 1	_ ^ ^	□ > • ■ • • • • • • •	151 344	_
- erste usp Bits our Johnson fan de	00.21			-
		0 **11 ·0		-
-bank Animi kup Fremen U far farm) U Tar U far farm) U far farm) U far farm)	5	Terre R. V.	E	
lok ja				
© krone rei⊖ sill rei ⊖ 20 ⊖ 10 ⊖ 1823 ⊖ ⊖ 10 ⊕ 10 € 10 ⊕) Farmara (r140)	(meast	- -	
	K			
Cast English and the state of t	311 2v4(az.).		sill	
I tt. tt. Luu		Lucidar. And	: tauć.com	T
\$				
Annation Watery - ∠ Ann Con		Retails.	ne sersió Port Ad	r4 1
2020-07-26-02:07:06-076-0				_
2020 07 20 02107-00 077 C 🛶 of Lancestel				
2020 07 26 02:07:08 0 070 C				
2020-07-20-02107-06-022-0				
presi na politika na na seconda na seconda na seconda y presi na politika na na seconda na seconda y				

2.8 Kill tags

To destroy the label, you need to modify the default destruction password first. For specific modification steps, please refer to the tutorial of **writing the password area (kill password)**. After the label is destroyed, the label becomes invalid and cannot be used, read, or written. The specific operation is as follows:

auder setter 10000-700 047 0497 servic hort Acritor Hethort setter hore	teon confeptinten	
Tooley Tellestic		
Tellesdin		
-Austal search enterna Arrentive (Ada)		
V Gab Set On On On		
- Ler beliektion		
Let Cas	ral Tag Litt. 12 an th an	the ap 44 wullet La 14 🛛 🗠 part
-betererete conjue but	1 i i	Reference 1.1 conduct bi coders - cond
C hasereed@ 40° C LL O /S43 ✓ Sterbeid±r=060), 2	sturtLanieLHL)	
and the second sec		
"vitaJaba(d2).		Calacterita Constantia
Free Territoria		
henerved 0 Lanlaced) 0 Lod 0 Lanlaced) 0	Caar 0 Landacrát 0	Lesson 🕮 🗸 Targab / 🗸 beacteoir Matrit 🧸
Look Lur		
Lock area	Look_spa	
олим от от от от от от	ি দাস্য 🛞 বিক	O for our dia O here out in 200
		1. Line at
Glive Baskarakrustr. S. JK. 7. o.	Save Tegs	500 %-0(TZ) 500
	-	
- - - - - - - -	1 • •	findar (A. Profilio (A.
c)
bershina distany. V mane lieur		$\equiv 6$ and 50 in Table 4
079-07-06 00107.56 S76 Commad surranded		
029-07-08 02107-98 877 Useeedd marraeded		
029-07-08 02107198 878 Command extranded		
029-07-06 00107.56 870 Command extremelad		
009-07-08 00.18.99 504 FacE9(ibfs investory)		
009407406 00.19.05 715 3659		

48

3 Tag filtering

3.1 Set filter

- Internet and the second s
Destricted Bostits: Destriction
foread beningful. Total forestory benchmarket
0 00 00 00 000
heads
This Bound Count. () Rin 2002 9 Rus 2002 0 Automb Dave Suga
I Bankingt IC IIC dat forg0007 for
1
e 11 Back D. Samin 23 Action (Backad) (Same Alle (Backdard) (Back Sameldard)
e I (Back, Ba Sandon, 78 Action Backade Dears, Ade Daafdice) Back, SanDaafdice)
e 19 - (Bach,Be Sansins,FF Kerton Bachadi Pears,side/Das/dece) Bach,San/Das/dece)
e : (Rub.R. Senin,77 Artin Rubak Frar, dib Gulder) Rub.Sar(Rubber)
a (Bash,Ba Sanalan,78 Arrian Bashadi Daar,AdaOaa(diir) Bash,SanOaa(diir)
e I (Back, Ba Sandon, 78 Arrion Backad Franz, Ade Ghaldair) Back, SanGhaldair)
e 11 - (Bach,Ba Sanaina,78 Arrian Bachach Franzahle-Osaldare) Bach,San/Bacldare)
e 1 (Mark, Di Sanaine, 70 Korton Markado Franc, Addr Okarl (San) (San) (San) (San) e

filtering	illustrate
behavior	
00	For [Access Tag]
04	For [Inventory Label]

Filter ID	illustrate
No.1	Default and commonly used, others are not commonly used

session	illustrate
S0, S1, S2	Choose according to the inventory method you use, but you need to correspond.
	For example, if you set the filter to use S0, use the S0 mode to inventory the tags
	you need.

filter area	illustrate
EPC	The default and commonly used EPC, the software inventory refers to the EPC
	area

3.1.1 Filtering of inventory tags

filtering behavior	illustrate
04	For [Inventory Label]

Since the EPC common data of the label starts from 02word, the corresponding starting address is: 32bit, and the length is filled in according to the length of the content you need to find, for example: use S0 mode to find the label starting with 1122

natury Tap Speration	
Operation Designers Rule	Baba Speed/Dap/Let) Tated Tap Committeetion
Inventory Olisdo famil @ Balsi G	
Rest Times -1 Interval at	Ensued Destinated Terratory Destinated
Tag Torge C Benilismen Tagl	
Dierstag Otabiaat mat Otiaa 0 +	5 00 00 00 000
undiz .	This frond Coust: () Ris MIT: 0 Res MIT: 0 Refresh. Dave Sont
Ref. Bash	 Instruct IC IEC Ant Des[00a] In
Back 20. Mark St. T	a sector and the sector of the sector of the
Arrise 18 - Barrat BL -	
(hart Aldren(D bid III	
Bard Lowerth 12 Aug 10	
full Yalan III 2	
fad Yelm	
fud Yoles II 2	4
fail Yeles II II	(f) Bash Be Banning 20 Action Bashade Dears, Addr Daul (http:// Bash.Sau(Daul (http://
Rad Yelm RetRead Close Rad Rad D Rad H2 - Close Rad	4 Bash, Bo Bannine, 20 Arrives Rashade Drare, Addr Oka [dord) Rash, See(Han [dord) 4 Data 20 04 DPC 20 10
Rad Yeles Services Close Rock Rd (1) (Close Real) Rock D2 Rock Rd (1) (Close Real)	4 Back, Br. Banning, 20 Arring Backad Drars, Addr Okal (Strif) Back, San (Star) (Strif) 9 00 04 NTC 20 10
Rad Yeles Services Close Rad Rad 22 Rad All (1) (Close Rad) Tel Sud	(4) Back_Back_Back_Back_Back_Back_Back_Back_
Rad Yeles Services Close Rad Rad 22 Rad 82 (Close Rad) Ser Rad Ser Rad	4 Rody, Br. Banning, 20 Arrives Bankade Prace, Alder Okal (hirt) Bank Jaw/Real (hirt) 9 00 04 BPC 20 16 4
Rad Yeles Services Close Rad Rad 22 Rad 82 (Close Rad) Tel Sub Tel Sub	4 Teach, St. Teacing, 27 Annies, Basthads Prace, Addr (Nam) (http://www.flam)(http://www
Rad Yeles Services Clear Rad Rad 22 Rad H2 (Clear Rad) Set Rad Set Rad Set Rad	Examine, 20 Annum, Randhalle Prart, Alle Qual (htt) Rank, Sav (Run (durt))
Rad Yeles 11 22 Clear Rad Rad 22 Rad #2 Prof Hill Prof Set Rad Set	4 Bash, B. Bannion, 20 Annon Bashada Prart, Addr Qualdhiri) Bash, SaviQualdhiri) 6 0 04 EPC 20 10 4 4 Annon Barlai Fart Bash Annon Barlai Fart Bash
Rad Yoles 11 22 Low Rad Else Rad Rad 22 Rad 22 P Clar Rad Set	4 State Barrier, 20 Annum, Radhala Dears, Alle Qualdrini Radh, 200000101111 4 Dath, 200000101111 4 Dath, 200000101111 5 Dath, 200000101111 5 Dath, 200000101111 5 Dath, 200000101111 5 Dath, 2000000101111 5 Dath, 2000000101111 5 Dath, 2000000000000000000000000000000000000
Rad Yeles 11 2 Sectors Clear Rad Rad 22 Rad 82 C Clear Red Set Rad Set Set Rad Set Rad	4 State Basel, Basel and 20 Across Randback Draws, Alder Okar[(hor)] Rade, 244(Mar](hor)] + 1 20 04 200 00 10

lander Serie 10000 %. The first Seried Fort Realfor Bet	that, Settly	Papirti es Ceu	tipe di la	1						
Derestory Tag Resealing	1993									
Operation Interatory Role	Bats.	0.000		3	Iper ITap Te	4	Sidd Tel Co	entite the	15	
Inventory Olivile Danel While G	Disease of the	et avention.		202		30				36
				1		10				13
Bass Fines -1 Interval 8 at				•	Denied Dara	timat	Tetal former	in have	(belies)	
Dames I Diter from Disations Tot						20		00	81	100
Constan Children Patter B						33	00	00	0.1	100
Theorem Theorem and Theorem 1.	Bendly .						Contraction in the			
Coalis	This Bow	Count 3	31	NULL	-615 9	te REEL	-58	Bettern	b - 34	en Jags
Elements with a Figure 4		Internet	10 BC	1m				dail	freq080	I Bani
Tang Joser Days Textinity		10	38.00	11.1	12 11 14 10 2	H 70 M	传动计算	Aug.	101.00	-63
Internalial) Asserts	1 1	15	26.80	11 1		BE 21 44	No. 10 00 14	des \$10	001 00	-02
TR TR TR TR TR T				_						
LANCH HOUSE										
Tatition .										
0 + 0 + 0 +										
Target Separt										
	1									-
lac.Rob	1000	220 - 200		1.0.1.1.1	220.011	1.12	100-0201	11.11.2.2	12000	
Set Bach		uh,Bi Di	nin,71	Artim	Torbuilt	- Ftar	n, Alder Oran I Occ	1 16	nh,Sav/Rin	4(d
Rad 23 Rad Ro. 2	1 P. 1			04	arc .	10		110		
Artist 10 - Subal III -	1									
a call and a second										
There append and the										
Roll Land Lik Lik 10	-									
and in Fisher 17 and Tax							1	Inclusion	a farial P.	er Barine
PLAN-OR DO NO BE 1990 As will be unbinned								1		
21-91-08 182.02 54 112 Entered motordal										
ED-6T-DE INE ED EH 6HE Tugfluik										
CP-07-50 NC ND 30 LBO FullSeitel Larantery.										
and the second second second										

3.1.2 Filtering of access tags

filtering behavior	illustrate
00	For [Access Tag]

Inventory	January Rola O Highs Channel & Bullei Ch	Pate Terrestorial Associat	i n	SpeedStagStart	find to Ge		8
Aner Tient -i	Interial Bendlemarfagit			Consul Developed		nn nn	000
Terday Children	1111 🗆 1110 . 🚺 🦭 🤊	tenit				00 00	
and in a		This Bouid Count:	His MIII	a a a		Bell All	Save Test
East Mach		0 Beall	net IC	IIC .		Ant Press	Whit New
Ball 201 (Ball (BCE))	Junio 28 [10 11]	1.0					0,91
Artim 10	Rabail IIC -						
Start bill end bid							
Build Longth 18 king	10						
Back Yalas	11.11						_
Clev Bul	+ Ger Reb	Build Ar	Service, 23 Auto	n Redail I	The California (See 1 (See	1 North Jacob	Res](bait)
Mark 12 Mark ML		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	1/P2-10		10.	-
Rad 12 Mad 412 for Rad							
Red D Red GL	1				_		
Rud () Rud KL fet Rud fet Rud	to Clar	e			0	Success Serie	fort Beerle
Ruch ID Ruch ALL for Ruch for Ruch for Ruch for Ruch for Data States for The Stat	to Claser glood	4			5	Julicens Serie	l fort Bosco
Ruch 12 Ruch 42 for Ruch Art Ruch Fortine Ristory 22 Art 1-17-59 41-10 19 100 To	ta Chaer And	4			C	judirene laris	1 Fort Bourse

After setting, on the [Access Tags] interface, every time you click Read Tags, the returned tag information is returned according to the set rules. For example, the filter rule set this time is: only display tags starting with **1122**

Investory Tag Operation	
Tome Scale Access (Arrow Scale (TV)	
16.5 o. o	
a food To Sat	× <u>5</u>
Frederic Single field	
O Ferrer (0.776 O TT - O 1675 🕑 Stret VIE (MMC) 💷 - 3 to for STR) 🖉	
- araba usp Reise General (China)	@inter≢site Careet and
- to ad Aulischied	
Frences () factors) () (actor) () () factors)	0 Sector 20 V Trend K V From Milling
lack for Jack Ann	
O arrate and O all and O are O to O to a C follo C follo	C Fernicians (risk) / Americanst L>
-1475/7.174	K . 50
Class Developer (the second se	sill e-foasi. sill
I to the the	Lietalien, ent besklount br
· · · · · · · · · · · · · · · · · · ·	
	4 N7.5 2 7.5
4	
٢	>
< AnotinBites ∑nation	acturate percul Port Accutor
A develop Tratege ⊇ A + 2 on Mean of the develop EA = 1 on Mean of the develop EA = 1 on Mean of the develop EA = 1 on the develop Mean of the develop EA = 1 on the develop Head of the develop Hea	activité terté fort fortter
4 Anno 16 an 16 at e.g. ∑ 16 a 1° anno 1980 16 26 Anno 29 60 1° a 1° anno 14 1980 16 26 Anno 20 70 € anno 14 1980 16 26 Anno 20 70 € anno 14 1980 16 26 Anno 20 70 € anno 14	and and the term of here Annator
▲ According Watery 2 According	antiskis isriil fort Antisk

3.2 Clear filter

To clear the filter ID, you can choose to clear only a certain pattern, or choose to clear all filtering rules.



Chapter 3: Special function configuration

function	Function	GPIO1 status	Note 1	Note 2
number				
0x00	standard mode	none		
0x04	automatic tag reading 4- antenna	GPIO1 active high		
	polling cruise available.			
0x08	Automatic aging.	GPIO1 active low		
0x09	automatic tag reading 4 antenna	GPIO1 active high	M 500	
	polling, Wiegand 26 output (in - phase).		automatically reads	
			tags, serial port	
			output, GPIO1	
			active high	
0x0F	automatic tag reading 4- antenna	GPIO1 active low		
	polling cruise available.			
0x11	automatic tag reading 4-antenna polling			
	cruise , automatic reading reader			
-	identification			
0x12	automatic tag reading 4- antenna	GPIO1 active	Change the trigger	
	polling cruise, triggering GPI03	high	time by setting the	
	output (high) every time a tag is read		delay between	
			antennas	
			Note unit: 20	
			milliseconds	
0x13	Single tag low power consumption	GPIO1 low level	Handheld devices	
	(single antenna inventory)	automatic reading		
0x15	Automatically return to GPIO status	none		
	when reading tags			
0x18	Automatic tag reading, 8-antenna	GPIO 1 active high	Note : Only for	
	polling cruise		8-channel	
-			modules	
0x19	Automatically read tags and	GPIO1 active high		
-	automatically return to GPIO status			
0x20	Automatically report when input GPIO	none		2 020 - 09 - 30 _
	status changes			
0x23	Automatic tag reading can be polled by	GPIO 1 active low	Conversational	2018-9-30
	single antenna		Mode S1	
0x24	Automatic tag reading can be polled by	GPIO 1 active low	session mode S O	2 020-04-30
	single antenna			
0x25	Automatic tag reading can be polled by	GPIO 1 active low	Conversational	2 020-04-30
	single antenna		Mode S1	_

Function configuration list

0x31	Automatic tag reading,	4-antenna	GPIO 1 active high	Conversational	
	polling navigation			Mode S1	
0x32	Automatic tag reading,	4-antenna	GPIO 1 active high	Conversational	
	polling navigation			Mode S2	

Note : 8-channel reader/writer 0x 18 mode configuration , please refer to 1.2->manual sending command setting

When the reader is in automatic working mode, please do not send other commands to the reader frequently.

1 Special function configuration

1.1 Configuration via software

Seedler Setup 19	2000-2" Tag Taob (Sari) r	d fort Bositor defroit	Satup America Coafi	gareti 20		
					<u>kote tae tha</u>	fenerien with electron
	Set	Gab	Panetsen (Libba)	~	10000 000	ALLE SOL EPOSTER
Same 6-6	1 in Coperate					
	5	~				
	v Soot aati ∼ I	Г Росс (ав. – – – – – – – – – – – – – – – – – – –	C Dool Mag v	F Fran Jabi ∨ I	North Constant (17)	
	t Sond Anti v I	t txenå Sath ≪ 1	$\frac{\sigma}{m^2} \sim \frac{2md}{1}$	t teri San v I		
						taireak.
uper stoor, haate	ry - 14 Auto Class				□ 565.	as decide the Madrie

Connect the reader, select the corresponding working mode, and click Settings :

From Telay	AT TOL TOL 30	. for Tor or Fr for	And Breach	1000 O	
Set Émotion	D				Note: The tail function with continu
	5	à	Tania m(two	v	The second secon
				00 ×	
-ANTARAL 1	alten lageanea		1	00 05	
	Set	Gat		05	
	à testi	s svæd	. tani	-08	Switch Interval (#3)
	n v	n v <u> </u>	544 V 1	-09	
	T 8	- 500	2 Fr		
	RATE Y	with the	$36M_{\odot} \sim -1$	02 02	
				10	
				13	
				15	
				17	
				19 15	
				ic v	
					24-44
0	lev Zertur				settering Large Large Large Araber
1					

After setting the configuration function successfully, the software returns the data interface as follows:

A A A A A A A A A A A A A A A A A A A	E famil & bit	ndbottok betweed ball	ŕ
	Autor I Autor I		
		10 m	
			100001
			and the second second
10 +++		0	ettirətə Səriil hərt Məs
	0. -19 mol	0. - 15 mm	

At this point, the special function configuration is successful, and the reader has started to

work in this mode.

Users can also confirm whether the configuration is successful through the query button:

Dealer Cathol 10000 GCT	e Tra Ceidi	Set⊯oite NaSet	Gene Traditio Cali	orati o		
-set denetsen sL						
1	64	64		n v	Friend Control of Cont	is is at small
Johnson Svi hrá Segue	076					
	147	. tet				
Nation 1	tarx2 ا	t touri Valž v <mark>I</mark>	$\frac{v}{v} \stackrel{\text{Send}}{=} \frac{1}{v}$	L total Nation V	sestek untersil (hs)	
ab -	Soul	P From Andes ∼ I	6 Dool mar v	1° Fron 2618 -> 1		
						F CARE
tion of the set 🖾 V	an Cher				Artis	rate Serial Fort Bositor
100 C 10 C 10 C 10 C 10 C	and a first					
	· · · · · · · · · · · · · · · · · · ·	nname) - Int 🛶				
1 · · · ·						

1.2 Manual send command settings

Command : A0 04 FF A0 **(Cmd No.) **(Check) For example: standard mode: **A0 04 FF A0 00 BD**

bescher betrep Inclumbling und internal bert Admitter Bethert betrep benetion Londo paration.	
electrometrics 11 chored band (all of H) all collect	
electured up 11 collect back (w. 14 cl. w. 15 wb	
sime top to	
The first sector in the sector in the sector is the sector in the sector is the sector	See Class
structure structure from	The sector to the second
Terretor in cost, or new contracted	<u>~</u> // 41 41 10 10 10 10

Note: For the calculation method of the check digit, please refer to the communication protocol user manual

After the command is sent successfully, the reader enters the corresponding working mode.

2 Set the switching order of the four antennas

Take antenna 1 as an example in working mode 04:. The first step: set 04 working mode:

tartina i	D			and an an an array of the
	5	A	nonito m(m): n 🔹 🗸	
ANTANAL CO	atch asguance			
	Set	Gab		
	$\frac{\lambda}{h} = \frac{han^2}{2}$	s sed n = v	. beni J ≦nd 1 0 1 √ 1 0	Switch Interval (a3)
	T From	nnt v	A From T South Ask/ 0 1 arror 1	
				- Beleva
11 - 11 - 11	er Zeitu			Selection Viewschutze Serz Lithert And
ni an 16 an 17 Ph Aont 17 Ph Aont 17 Ph Aont	er: ∑er:100 Itmmit⊆er:1.000 P® 20 Torio Tori P® 20 Torio Tori	नन न नन		- Tolessa ≪ motimute perpiù Port Ann
ati or flitato 67 26 6511 67 26 6511 67 26 6511 67 26 6511 67 26 6511	en ⊇n an an Parl An Carrot ann 2012 Sa Carrot an Parl Sa Carrot an Ann Die Staten Car	तत त तत्व तत्वत		Televa V metokick caroli hero Aro

The second step is to change the rotation times of antenna 2, 3, and 4 to 0, and click Settings:

	1.0	14	And a strength of the strength of the	Rein-fin-film.	faction with parts
			There is a fight of		
Automa Seita	k Segeenin		-		
	Set.	64			
1	a bread	b brail bet - 1	C final 3 final and a last a	Delitik Jatwerd (dd)	
	I feel	7 Seal	i head it head		
					keltent
rio. Kolory	El Anto Cirear				Labora .
efrick Kathory	Ed Anto Gree			(El Marco	Linkow
rfron Kotory	El Anto Gree			(2 set)	Robon
erica. Katary	E Anto Cirear			(Bees)	ant and fort fina

Then you can click the query button to confirm whether the setting is successful:



8 Antenna switching sequence is the same.

Chapter 4: Serial port monitoring

1 serial monitor

Serial port monitoring is used to view instruction set data, if you need to view it, check [Serial port monitoring]

Seedle: Setup	18000-60 Tag Tack	Serial Feet Bositor	debfort Setup in	arti a Cafigrati a		
·						
7					 . —	
uper stake, has	tory - Maats Cla	e.				🖂 Validate Gerial Cret Molities

2 Operation records

If you check the [Auto Clear] of the operation record, the serial port monitoring interface will automatically refresh after displaying all the data:

hauder better louis-bu sur seat	sers il horn Acrimor	Fethers setup Function Lonis paration		
electored to 15 clarate back in	a to the will be up to	and and the late of the late of the late of the		^
electored to 15 to the Reck in	a to at skill of a st	au 11 million Le Le le le 14 47 45 45		
electured to 15 thole been a	a to at swall of the be	ing the second of the Rectar of the an		
electured to 15 cluble been a	e ta et ak er ar er ti	. ee aa 44 oo 35 m oo 27 12 11 ee ob 41 -		
electored to 15 clip14 here is	a di la se la se la se	the later later 44,44 pp pp p4 by		
electured to 10 clip10 here. W	o at al sector as as we	sur de la la la Arige de		
electured to 15 those w	e esta actual da e	EL		
electured to 15 three Recent	u 15 11 50 11 50 11 12	of above 11 course of course the works		
electromeb is 15 closeb have a	u it is so is to is ab	all be be an as of as		
electromebric 15 cluster have a	u la clian colar la be	ne be en al le Re en Re Ro Re ni Re Rh		
electures is to include have a	u il il skul is i ak	all be be an all so da		
electures is is incore back. R	a de la seconda da Ma	E2 12 14 44 11		
electronec up to the back we	1 12 11 50 11 20 11 50	The second second second second second second		
and the second s	· · · · · · · · · · · · · · · · · · ·	The second second and the second		
a second the second second base	a de la de la de la de la	 The second se		
electrony of 12 county have a	and the second			
electured in 12 close been a	a ta at es as as as as	ine ne ne ne ne ne bu tu nu ve da de be		
electured in 15 clubble back in	the state of the be	au 11 fo de la de la abire fo fo de de est		
electured to 10 turbe been w	a to at swall of as be	no 11 no co co ce co ne ne 14 de 45 no		
electures to 15 those were	a to at swall of as be	en 11 julie in de la de 56 Se de 40 E4		
electured to 15 theory were	a de la secta de la se	LE BE BE LE LE 21 de		
electured to 15 thore have the	o to ut participation be	en de la companya de la caracteria estas de las		
electured to 15 clicht here in	a ta di secto si la se	the lease lease 44,44 hours status we want		
electured to 15 closes have a	a ab al se as estas es	ubbile de le de 44.44.45 en		
electured to 15 three Recent	u la ll'an ll'an 🕂 🗰	the lease lease 44,44 mm mortun of the		
electured to 15 close been w	u ta utak ina ing K	el ee lo 11 11 14 15 55 54 55 15 46 14		
electured to 15 closed have a	a la al an ar af ar be	an 11 years in the lot of the lot 10 Mb fit.	_	_
electures to 15 cliner back in	a di di se di is di se	CBB 24 11 11 11 42 92		
the large				
500 50 m			11.167	See Olive
Operation distory. 🛷 more lie	u			$- \sum \theta_{i}$, we also show that for $- 2 \theta_{i}$, θ_{i}

If you do not check the automatic clearing, the data does not need to be refreshed, and more serial port monitoring data can be retained.

Notice:

1、 For short-term observation, you can open the serial port monitoring or not clear the serial port monitoring

2. If you want to run the demo for a long time, it is recommended not to enable serial port monitoring. If you need to enable serial port monitoring, it is recommended to clear it automatically. Otherwise, the amount of data is large, which will cause the refresh of the demo interface to freeze or increase the software burden.

Chapter 5: Network configuration guide

1 serial port connection reader/kit

- (1) First, make sure that the DIP switch of the reader/kit is set correctly. To connect to the network port, you need to turn down the DIP switch 7-8 (towards the number), and then enter the corresponding serial port number and baud rate to connect to the reader/kit.
- (2) This software automatically obtains the serial port number, but if the software has already been opened, the serial port cable is inserted, and the serial port number can be automatically recognized only by clicking the refresh button (the demo version below 4.1 requires a drop-down box to select the serial port number, and the corresponding serial port number can be viewed at: Computer (right click)--Management--Device Manager--Port);
- (3) The default baud rate is: 115200.

2 Ethernet to connect to the reader/kit

Firstly, make sure that the DIP switch of the reader/kit is set correctly. To connect to the network port, you need to turn down the DIP switch 3-4 (towards the number), and then enter the corresponding IP and port to connect to the reader/kit.

3 Network parameter configuration

This function integrates the configuration function of the new version of the network port on the basis of the version 3.9 demo, so the devices with the old network port cannot be searched or configured with this software. If you have any questions, please consult the salesperson or technical support.

Time : Around July 2020, readers and kits will gradually use the new network port.

3.1 Refresh/select network card

First select the network card corresponding to the reader. For example, the network card of a notebook may have a wired network card and a wireless network card. If a virtual machine is installed, there is also a network card of the virtual machine, so the corresponding network card must be selected first. If there is no network card, you can click the refresh button.

Selection Regardo Records Official References on the second second		for the fear
search Device: 0	Seci 7 Setting	porti_ca
Gernal Martin L	for or To	6 To : 10 CT : V
2.172.16.11.56 marks 255.255.255.0 mark 00.20.47.02.42.02		LeoLters: 000b 🔲
T Device Device Device Distance Distance	fa-6a a :-	Jasian
	äheptn:	-Dia der um
	-t:	
	Nation International Internati	to the
	àus	
	l est names et et inte l l	forfor: En v
	st infection states [1]	Lenges F - T - V
		रेगरिः । २०१२ २०
	Get Save Jefeilt	harver Tu
	daub und Yhuu	that any first share a little
		Palar : 2 1.20
		Fet and (1174)
		For To : Classification
ista. 11 térres audito confirme l'instructura provincia activita subrois teal.		hecomectum:
<pre>With the second seco second second sec</pre>		Lis here:
	'	Lis port:
tina distany. 🗸 mare likur		

I

3.2 Search device

Click Search Device, if there is a device, it will be displayed first, and you can see the IP and other information of the reader/kit device, as shown in the figure below:

Television Research France Marcola Constraints	v	for the feat
Secretarian I be total number of devices: 1	Secie Setting	ي مداني
General MarGael istraction (1966) and the CMS CMS CM mark (1900) 20120122110	for or To	E Tour III COMO v Locútore outb □ 1
- for other the office office of the form	F1-F1-1 ^[7]	Jasian
kolentern freiten in er et et et til i in in in in	ähepten:	-the deman-
	-t:	
	Under	to 1510
	8 mm	
	kon negoti stakni konižatni (forfor: Erro
		Linguises root of
	and you here the	For the second
	Vac Seve Second	Faranyo To -
	Secut Lond Store	Highan: Licascolette.
		Falar: 2 1.20
		6 * : : * .)
data	,	For To Classification
(1) If you said to configure (liss), plasse use a private network tool		taconnacture:
(Chevrol Provential educed on the second for the mount of the field of	65	Uka heata
		Lis perti
abies distory		$\overline{\geq}$ is the set of the \overline{z} of

heider beitig laufende ung best berund bert Annaher Methors beitigt bereiten beräugeritten.

3.3 Load/View Device Details

After searching out the device, you can double-click the corresponding device list to view the detailed configuration information

The legisl worder of devic Carries Reffari In 172 III 195, wash 125, 225, 0, war 00.0	ndle • n 1 ther n 4 = 4 E	Busic Setting Berlin Bart			Feitji feitji gestijie [] feitjier [] Leidfeitt (init Seteri Crijiken with 3	6
International Derived point and the second point of the secon	OkryVer haller DO 00 00 00 00	Rophs [] Ini [] Rode: []			des (C. Press		
	GetCfg Sucerful	x montos	sus Sus Ind	tefadit Stere	Tanihina Tanàhina Tanàhina Tanàha Tanàha Tanàha Mana	ROD Riteft Anne Did Elanglochetf	• 0
4					Refinances Annalestal Reconstructure Refinances Refinan	Goehdiet)(ne) -
					Dama	es Sarlal Part	-

heider beitig Inclution ber berbill bert Arranter Bethert beitig Printitien bertig prietien

04 54 600 120	oran urah au Ma Azi Isi	lient ands IC e 1 IT 56 marks	Boolink Fift The total our 255-255-255-0	W. K. S. Sono nher of devices: 1 ass. W.20.42	.05.42.05	· · · · ·	Secie Setting	2 44 27 EB	for for parti_≏ √ For≣oria Loc⊥herta	ю бо те стото — — — — 6 — 111
	-	FF	for only	for other	71,150	6. 7	1	•	Jasiata	
F.		sekethert	174,125,111	20 20 40 40 40 47 1	t _		ähopten:		-District and	
							.p: 1/e.120			
							Unic: [. 422	Teo 11/10 192-100-0-2	1000
							ee. waliozraziente e	źptr.	FF:	Elizati v
							Gab Sat	a Jefeilt	5 (j f -):	-ra
							Secet _>	d Store	HøLat:	Lassebette
									Falas :	1.et > 1.e0
									Fa ⁺ :	n ::··)
<)	1		Free Tar a	ClearSofferin
01) . (%) ?	LÉ pou Travial	and to cont Phone inte	iges (liss) dae aanto	plaans uns a priv eense verbende te	ata patrok Langer d	ыя 011 год 13			haconnactura Lis heat: Lis ports	:: [[⁻

Uparatiza distany. 🗸 mene llear	Z 6 see Sole for To be

some parameters	Parameter Description
DevName device name	Users can modify it to distinguish devices
DHCP	Not enabled by default
IP	The current IP of the reader

NetModel network	The default is to use Server mode, which can be set to Client mode,
model	but this software does not support it, you need to use the network
	port debugging assistant to test
LocalPort local port	The default is 4001, which is not recommended: the port number is
	randomly generated.
Baudrate serial port	Baud rate, the default is 115200
baud rate	
Phylost network	If it is not checked, it means that the disconnection reconnection
disconnected	mechanism of the network port is enabled

3.4 Server mode

Pull down **the network mode**, select the server mode TCP_SERVER, set the parameters, and then click [Save Configuration]. This software does not support client mode operation.

Security The initial worker of dovices 1 The Deriver Reflect 100.000 (00	bair ferring Berlin Berlin (1911)	pretija 2 Sediciai 107,000 Laudrati veda 101
Invited Invited Invited Chipfer Falle District Invited Invite	Perfamil2[6.641fort	Bearings [] See 21 Sec Sec 21 Sec 21 Sec Sec 21 Sec Sec 21 Sec Sec 21 Sec Sec 21 Sec Sec 21 Sec Sec 21 Sec
 Fore (1) If you used to configure filteric planes are a private animalitati (2) The different constraint analytic for the second. (3) The different constraint and the constraint for the second. (3) All different filteric filteric. 	*) Link	Arlineett () ()(ee) Resetteli ()ee/hefferfa () Resetteli

Basker Serap 10000-60 Tay Test Seried Fort Railton Reduct Setue Faurties Colligeration

Note: Although the search device, the reader and the computer are directly connected, the IP of the two devices may not be in the same network segment, and the IP of the computer can also be searched; but if the software of the computer needs to be able to connect to the reader, it is best to let the IP of the reader and the IP of the computer be in the same **network segment**.