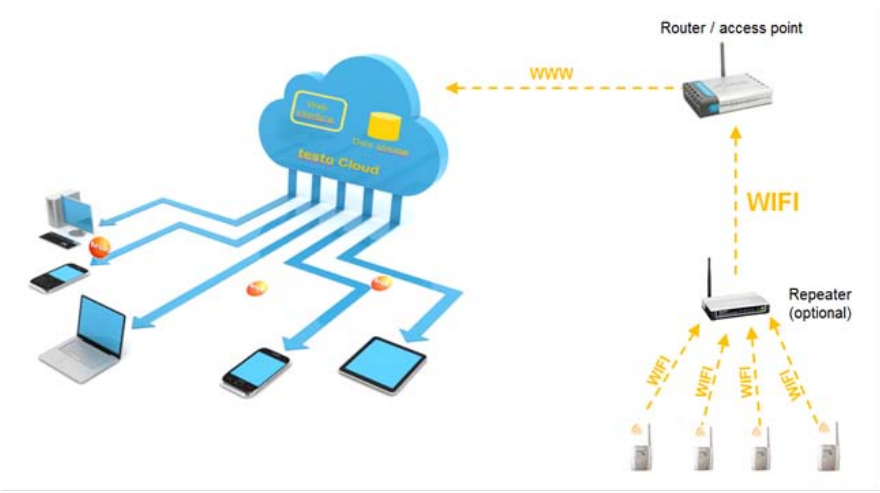
testoSaveris 2Probe User Manual

testo Saveris 2Introduction

testo Saveris 2 system is upgrading product basing on testo Saveris system. In original system, wireless probes transfer measurement data to Saveris base through local area network, testo professional software manages data and supply service on data record and monitor. In Saveris 2 system, data transfer from Internet basing on Qualcomm new Wi-Fitechnology, probes can communicate with the cloud through wireless router. Customer can visit testo cloud anywhere and anytime. Check real time measurement data inside his account. And can also use APP to achieve same functions.

Testo Saveris 2 system include testo cloud and five Wi-Fi probes.



testo Saveris 2 Application

- Medicine production, quality inspection and storage monitor
- Building surrounding measurement and monitor
- Development, laboratory, hospital surrounding measurement and monitor
- Food cold chain measurement and monitor
- Plant production, transfer and storage measurement and monitor

testoSaveris 2 Probes

Testo Saveris has five Wi-Fi probes: T1, T2, T3, H1 and H2.

Saveris T1 has inside temperature sensor, can continuously measure and record surrounding temperature and transfer to cloud website. Saveris T1 passed EN12830 approval can use in food industrial surrounding measurement and monitor.

Saveris T2 can support two channel external temperature probe, can continuously measure and record surrounding temperature and transfer to cloud website. Saveris T2 passed EN12830 approval, can use in food industrial surrounding measurement and monitor.

Saveris T3 support two channel TC probes, can continuously measure and record surrounding temperature and transfer to cloud website.

Saveris H1 has inside temperature sensor and humidity sensor, can continuously measure and record surrounding temperature and transfer to cloud website

Saveris H2support external testo humidity probe, can continuously measure and record surrounding temperature and transfer to cloud website.

testo Saveris 2 Probe technical Data：

type	Saveris T1	Saveris T2	Saveris T3	Saveris H1	Saveris H2
measurement	One inside NTC	Two external NTC	Two external TC	One inside humidity	One external humidity
Measurement range	-30…+50°C	-50…+150 °C	K type TC: -195…+1350° C	humidity“ 0…100%RH	humidity：0…100%RH
			J type TC: -100…+750°C	NTC: -30…+50°C	NTC: -30…+70°C
			T type TC: -200…+400°C		
accuracy	±0,5 °C	±0,5 °C	± (0,5 + 0.5%mv) °C	±2% RH,	±2% RH,
				±0,5 °C	±0,5 °C
resolution	0.1°C	0.1°C	0.1°C(-200~999.9), others 1°C	0.1°C, 0.1%, 0.1Ctd °C	0.1°C, 0.1%, 0.1Ctd °C
T90 response time	40 minutes	Up to external probe	Up to external probe	10minutes	Up to external probe

testo Saveris 2 Probes Specification：

type	Saveris T1	Saveris T2	Saveris T3	Saveris H1	Saveris H2
Order number	0572 2001	0572 2002	0572 2003	0572 2004	0572 2005
Operate temperate range	-30 … +50 °C	-30 … +50 °C	-30 … +50 °C	-30 … +50 °C	-30 … +50 °C
Storage temperature range	-40 … +70 °C	-40 … +70 °C	-40 … +70 °C	-40 … +70 °C	-40 … +70 °C
Measurement cycle	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)
Communication cycle	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)	5s ~ 24hour (default setting 15 min)
Data memory	10000 data per channel	10000 data per channel	10000 data per channel	10000 data per channel	10000 data per channel
LCD display	yes	yes	yes	yes	yes
Battery life	4pcs L91 battery 2 years	4pcs L91 battery 2 years	4pcs L91 battery 2 years	4pcs L91 battery 2 years	4pcs L91 battery 2 years
Norm	EN12830	EN12830	------	------	------
accessory	GP AA battery Wall holder lock USB cable	GP AA battery Wall holder lock USB cable	GP AA battery Wall holder lock USB cable	GP AA battery Wall holder lock USB cable	GP AA battery Wall holder lock USB cable
Website configurationactive	yes	yes	yes	yes	yes

testo Saveris 2 Probes Instruction Manual

Product description:

①device
②LED
③QR code（probe serial number, cloud website adderess）
④key
⑤wall holder
⑥USB communication cable
⑦lock

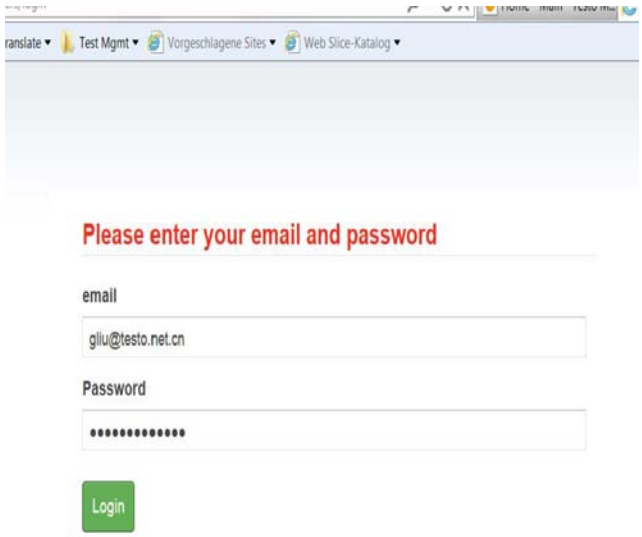
First step

Inserting batteries:

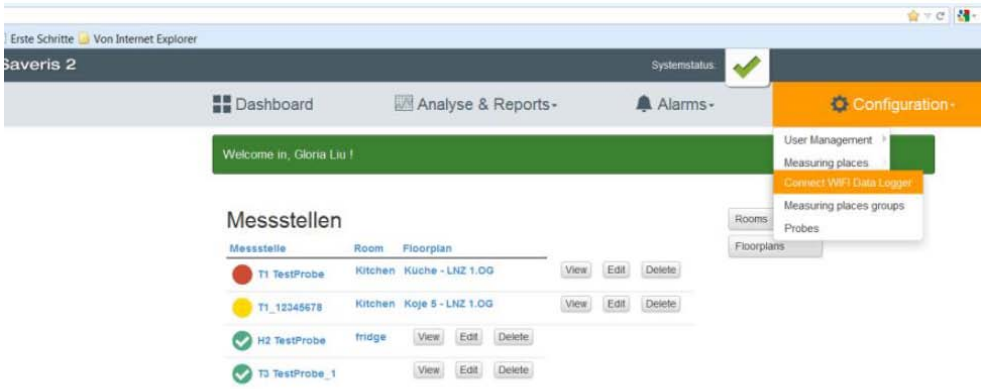
- To open the battery compartment, remove two screws on battery cover by screwdriver.
- Insert batteries (4x 1.5 V type AA). Observe the polarity!
- To close the battery compartment, tighten screws by screwdriver.

Probe Configuration

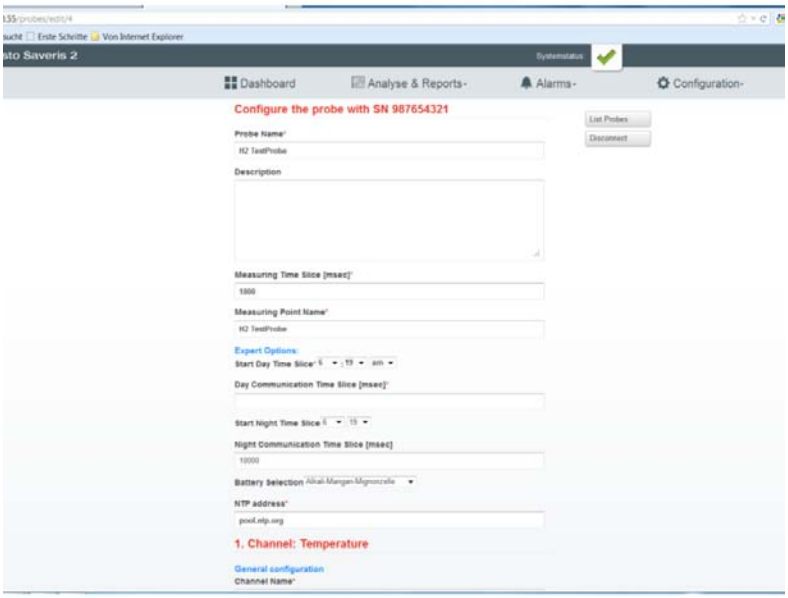
- Visit website：https://intl.saveris2.net/GoToProbe
- Enter log in page and input personal account and password



- Click and enter to Wi-Fi connecting page, click “Connect Wifi-logger”，input wireless router SSID and password to connect into internet。In connect successfully， icon will displayed on Saveris probe LCD.

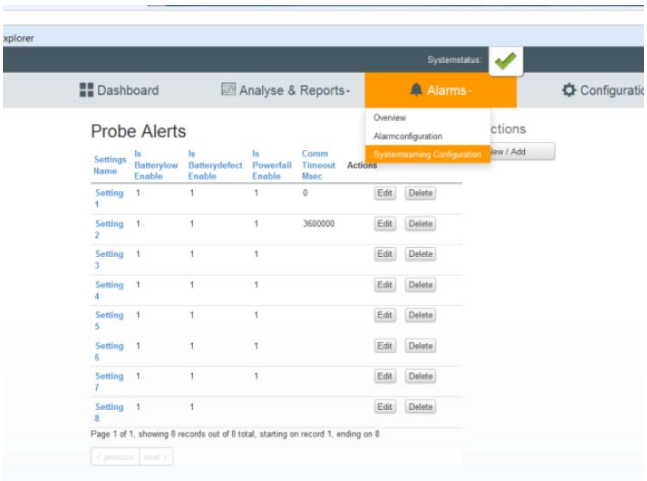


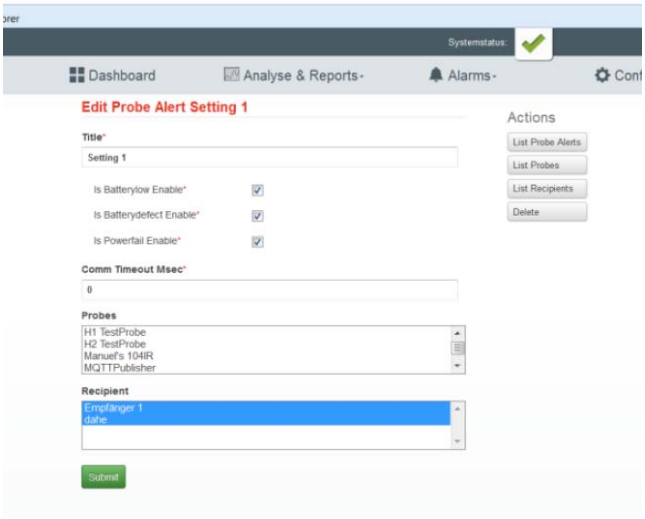
- Click “Probe” o enter configuration page. Set probe basic configuration, input probe number, name, location, measurement cycle, communication cycle, start time and etc.…



Alarm Setting

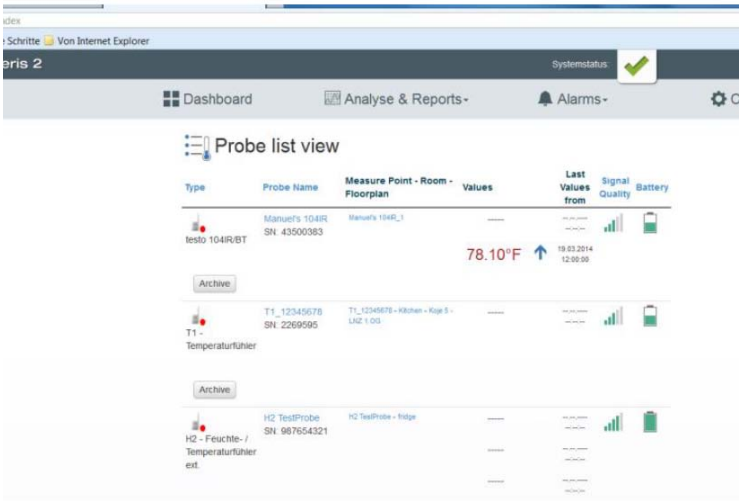
- Click “Alarm” and enter alarm setting page, click“Alarm configuration”，set up alarm upper and lower limit value one by one。



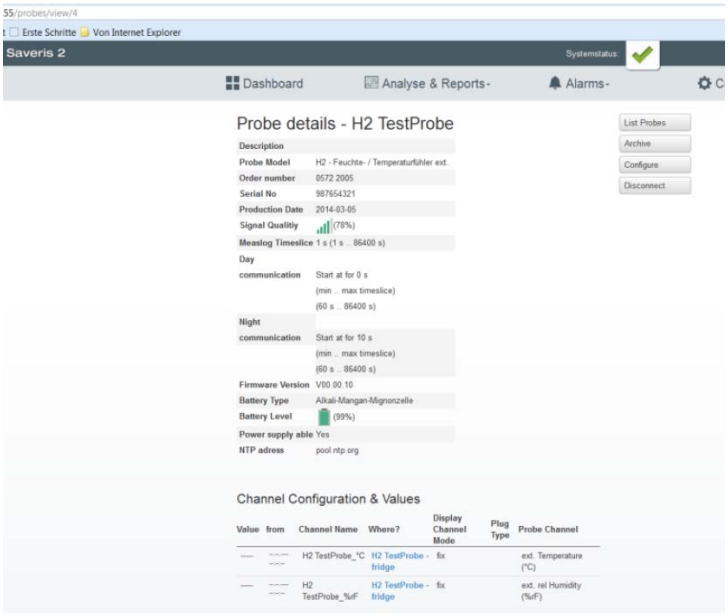


Probe Management

After probe configuration, probe list can be found in Saveris system, and also on-time measurement data, Wifi signal status, battery power status。



- Click name of probe and enter probe detailed information page which show detailed measurement status of each channel. Click “configuration”, can enter configuration page to modify configuration of probe.



Measurement Data transfer

After configuration finish, probe can start measurement and transfer data to cloud side. During data transferring，icon will be displayed on LCD.

Customer can also scan QR code on front housing of Saveris probe to visit cloud.

Question and Answers:

	* battery power<5%：repalce batteries
oooo	* external probes not connected
----	* real value out of measurement range

FCC statements:

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes 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 the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement:
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is Subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.