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# CipherLab User Guide

QBIT2

POS

Version 1.00



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Website: <http://www.cipherlab.com>

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## Important Notices

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### For USA

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: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radiofrequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### FCC Caution:

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

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

#### Radiation Exposure Statement:

This equipment complies with FCC 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.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must be fixed to US operation channels only.

#### FCC Caution:

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

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

Find the certificate information from:

**Setup → About Phone → Regulatory information**



Tested to Comply with FCC Standards

***FOR HOME OR OFFICE USE***

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## Safety Precautions

- ▶ DO NOT expose the device to any flammable sources.
- ▶ Under no circumstances, internal components are self-serviceable.
- ▶ For AC power adaptor, a socket outlet shall be installed near the equipment and shall be easily accessible. Make sure there is stable power supply for the scanner or its peripherals to operate properly.

## Care & Maintenance

- ▶ Use a clean cloth to wipe dust off the scanning window and the body of the scanner. DO NOT use/mix any bleach or cleaner.
  - ▶ If finding the device malfunctioning, write down the specific scenario and consult the local sales representative.
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**POS**

Model : QBIT2

**US**

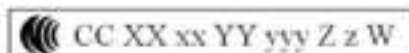
FCC ID : Q3N-QBIT2



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.

**TW**



減少電磁波影響,請安適使用

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## Release Notes

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Version	Date	Notes
1.00	Feb. 19, 2020	▶ draft

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# Introduction

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Integrated with a touch display, thermal printer, 2D barcode reader, front camera, wireless connectivity (Bluetooth & 802.11 a/b/g/n), etc., the QBit Self-Ordering POS device is capable of delivering user experience.

This manual serves to guide you through how to install, configure, and operate the device. We recommend that you keep one copy of the manual at hand for quick reference or maintenance purposes. To avoid any improper disposal or operation, please read the manual thoroughly before use.

Thank you for choosing CipherLab products!

## Inside the Package

- ▶ QBit Self-Ordering POS
- ▶ Power cord
- ▶ Magnet button
- ▶ Thermal paper roll (optional)
- ▶ Paper roll holder
- ▶ Quick Start Guide

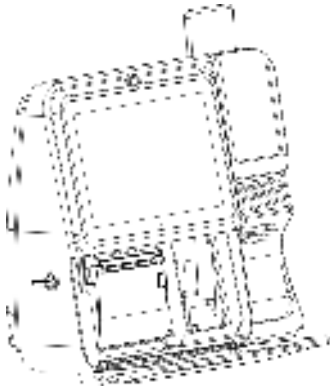
Save the box and packaging material for future use in case it is need to store or ship the device.

## Product Highlights

- ▶ 10.1" Touchscreen
- ▶ Front camera (8M pixels)
- ▶ Embedded 2D barcode scanner
- ▶ 2 x USB 2.0 Type-A
- ▶ 1 x Micro USB
- ▶ Android 8.x
- ▶ Wi-Fi 2.4G: 802.11 b/g/n & 5G: 802.11 a/n/ac
- ▶ Bluetooth (Bluetooth 4.1 Low Energy (LE), 3.0+HS, 2.1+EDR)
- ▶ 10/100 BaseT(X)
- ▶ Thermal printer



## Specifications



Physical Features	
Dimensions	394.5mm(W)x346.5mm(H)x159.34mm(D)
Weight	6.6 Kg ± 250g
Touch Display	10.1" TFT FHD
Data Capture	2D barcode reader
LED Indication	3-color LED indicator x 2
Speaker	Built-in 5W
I/O Port	USB 2.0 Type-A x 2
	10/100 BaseT(X) x 1
Expansion Slot	Micro SD x 1 (SDHC up to 32GB, SDXC up to 2TB)
	SIM x 1 (2G/3G/4G/Data only micro SIM card)
	SAM x 1 (compatible with SIM2): - SIM x 2 or - SIM x 1 + SAM x 1

Performance Characteristics		
CPU		Qualcomm SDM450 Qcta-core 1.8GHz
Operating System		Android 8.x
Memory	RAM	2G
	ROM	16GB eMMC MLC (TLC not acceptatble)

<b>Data Capture</b>	
Barcode Reader	1D/2D barcodes
Camera	8M pixels

<b>Wireless Communications</b>	
WLAN	2.4G: 802.11 b/g/n
	5G: 802.11 a/n/ac
Bluetooth	<ul style="list-style-type: none"> <li>- Bluetooth 2.1+EDR</li> <li>- Bluetooth 3.0+HS</li> <li>- Bluetooth 4.1 Low Energy (LE)</li> <li>- Bluetooth Class II</li> </ul>

<b>Electrical Characteristics</b>	
Input Voltage	Vac: 85 ~ 264V, 47 ~ 63 Hz

<b>Environmental Characteristics</b>		
Temperature	Operating	0 °C to 40 °C
	Storage	-20 °C to 60 °C
Humidity (Non-condensing)	Operating	10% to 90%
	Storage	5% to 95%

<b>Resistance</b>	
Electrostatic Discharge	± 15 kV air discharge, ± 8 kV contact discharge

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