

ECRG02 Handheld Terminal



ECRG02 Handheld Terminal

Please read this manual before operating your device and keep it for future reference.

ECRG02 Handheld Terminal



- Product introduction
- Product specifications
- Packing list
- Product configuration
- Instruction
- Product warranty card

• • • • Quick Start Guide • • • •

Please read this manual carefully before using this product.

Product Introduction Handheld Terminal **ECRG02**

The ECRG02 is ECR's new state of the art All-in-One mobile POS device.

Designed to work as a Windows 10 tablet with a fully accredited and integrated Miura credit card PED to give you excellent user experience.

Built for use in Ticketing, Bus, Coach, Train, Plane and Taxi, the ECRG02 is the correct choice for many mobile environments.



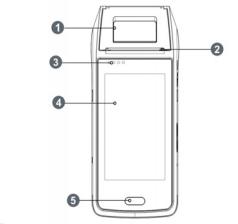
Product specifications Handheld Terminal **ECRG02**

Items	Details
Processor	Intel Atom x5-Z8300
Security MCU	Freescale K2L, ARM Cortex-M4
Memory	2G-DDR3L 16G-eMMC
Operating System	Windows 10 Enterprise
Display Screen	5.0 inch, 720x1280Pixels, multi-point
Printer	High speed, Low noise, High voltage (Without power adapter, 100~240V)
RFID	ISO14443 Type A/B & NFC technology compatible
MSR	ISO7811-Track 1,2,3 (support bi-directional swiping card)
Scan	Support 1D & 2D bar-code scanning(Support QR)
WLAN	802.11b/g/n
Bluetooth	Bluetooth 4.0
Mobile Communication	3G/4G
GPS	Support GPS function
Adapter	DC 9V/2A
Battery	2500mAh polymer Li-ion battery
Interface	Micro USB x1 / Micro USB x1 (for mPOS)
Card Slot	PSAM card slot x1 / SIM card slot x1
Button	Windows button x1 / Power button x1 / Scan button x2 / Reset switch hole x1
Operating Condition	Operating ambient temperature: 0°C- 50°C
Accessories	AC adaptor x1, battery x1, Quick Start Guide x1

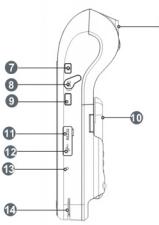
Packing List Handheld Terminal **ECRG02**

NUMBER	ITEMS	QUANTITY
1	ECRG02 Handheld Terminal	1
2	AC Adaptor	1
3	Battery	1
4	Quick Start Guide	1
5	Qualified Certificate	1

Product configuration



Product configuration Handheld Terminal **ECRG02**



① Printer	⑥ DC-Jack
② Paper-cut blade	⑦ Scan button
③ Indicator light	⑧ MPOS PED
④ Display Screen	⑨ RS232 Port
⑤ Windows button	⑩ Micro USB
⑥ Scan windows	⑪ Reset switch
⑦ Power button	⑫ Magnetic stripe card slot

Instruction Handheld Terminal **ECRG02**

1. Boot-up & Shutdown

(1) Press Power Button (7) for 3 seconds to power-on the unit.

(2) shutdown: Press Power Button (7) for 3 seconds to power-down the unit.

2. Read card position

(1) Contactless card position: Please place the contactless card around the Windows slot.



(2) Magnetic stripe card position: Please swipe the magnetic stripe card by the card slot.



Product warranty card Handheld Terminal **ECRG02**

Product Warranty Card

Please fill in the following information (product warranty card), and please keep this card.

The following contents are filled in by the dealer

Product Name:
Product model:
Serial Number:
Warranty Period:
Purchase Date:
Purchase Quantity:

The following contents are filled in by the user

User Name:
Address:
Telephone:
Email:
Postal codes:

FCC Warning Handheld Terminal **ECRG02**

FCC RF Exposure Information and Statement

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue for body, and 4 W/kg averaged over ten gram of human's hands. Device type: Handheld Terminal (FCC ID: 2ABGECRG02) has also been tested and measured SAR limit. SAR information of this and other pad can be viewed on-line at <http://www.fcc.gov/oet/ea/fccid>. Please use the device FCC ID number for search. This device was tested simulation typically for body and 0 cm to 10 cm to maintain separation distance between the device and user. Use accessories should maintain a separation distance between the user's bodies mentioned above, the use of belt clips, holsters and similar accessories should not contain metal components in its assembly, the use of accessories metal components in its assembly, the use of accessories may not comply with FCC RF exposure requirements, and should be avoided.

FCC Warning

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.

FCC Warning Handheld Terminal **ECRG02**

NOTE 1:

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:

- Relocate 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.

NOTE 2:

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