

INVENGO

XC-RT739

Tablets RFID Reader



About Invengo's XC-RT739 Tablets RFID Reader

Invengo's XC-RT739 Tablets RFID(UHF) Reader adopts excellent architecture design and powerful reading and writing algorithm. This device equips with Impinj E310 chip and has a strong multi-label reading ability, strong penetration ability, and a small misreading area. It is suitable for various desktop platform inventory checking occasions and various self-service settlement and cashier places.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Fashionable appearance, light and thin.
- Multi-vibrator antenna, small misreading range.
- Wide range of application.

Industry

- Commercial Retailing
- Asset Management
- Textiles
- Logistics Management
- Supply Chain Management
- Warehouse Management
- Library Management

Product Specifications

RFID Parameters	
Agreement	EPCglobal UHF Class 1 Gen 2 /ISO 18000-6C
Transmit Power	0~33dBm for EU
Frequency Range	FCC: 902.75MHz ~ 927.25MHz EU: 865.7MHz ~ 867.5MHz CN: 920.625MHz ~ 924.375MHz
Reading Speed	≥ 150 times/second
Effective Reading Distance	0 ~ 50 cm (depending on specific application scenarios and label specifications)
Note * Typical value: Read 20 pieces of clothing, 10dBm power, horizontal misreading boundary ≤ 25cm	
Antenna Type	Near-field antenna

Physical Parameters	
Dimension	300mm×300mm×20mm±1mm
Weight	1.6kg
Shell Material	High-hardness aluminium profile outer frame, Tempered glass panel
External Port	Type-C
Notice	LED indicator light, buzzer

Environmental Parameters	
Operating Temperature	-20°C ~ 50°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	5%~95%RH(non-condensing)

Supporting content	
Development environment	Supports Windows and Android systems, provides SDK

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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, 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 the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.