XCRF-860 Reader

Features:

◆ Support EPC C1G2 protocol products and firmware upgrading

◆ Excellent performance reading EPC C1G2 tag

◆ Special design to meet supply chain management requirements to EPC reader

◆ Comply with RFF Part12C and UL requirements, maximum power output less than 4W

◆ Serial interface, Ethernet interface, I/O interface available

◆ 4 antenna ports controlled by software to form a specified scan area

◆ Reliable reading distance up to 4.5m

◆ EPC data filtration process

XCRF-860 reader supports EPC C1G2 air protocol to meet the varied RFID demands in supply chain management. This reader is specially designed for international retail business and relevant requirements in supplier warehouse and logistic application. The working frequency is 902Mhz – 928Mhz. It enables high efficiency asset tracking, information management, and logistic management in warehouse and retail process.

SUPPLY CHAIN MANAGEMENT

XCRF-860 reader is an ideal reader for applications where there is a high speed requirement like conveyor belt in warehouse and logistic, goods release station, automated assembly line, etc. The high performance ensures a high reliable reading accuracy of fast moving tags on goods.

WORKING THEORY

XCRF-860 reader is with elegant design that can sustain IP53 working environment. The full-fledged RFID data collection system enables the high performance of XCRF-860 reader. The new model 2-way communication fixed reader between reader and tags realizes the reading and writing to tag TID number and user number.

4 ANTENNA PORTS AVAILABLE

The 4 antenna ports are respectively controlled by electronic switch. They can be selected according to site requirement to form a scan area. The maximum reliable reading distance reaches up to 4.5m.

Besides, optoelectronic isolator I/O ports are available to drive necessary external equipments directly in order to ensure accurate receiving of signal even under strong interference environments. Serial interface and network interface are also available like RS-232, 10/100 Mbps Ethernet and USB 1.1.

FIRMWARE UPGRADABLE WITHOUT OPENTING CASE

XCTF-860 supports firmware upgrading through internet without opening reader case. This special design enables XCTF-860 to work under future new protocols, and to protect customer hardware investment.

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Technical Specification

A high performance EPC C1G2 reader specially designed for supply chain management in the process of warehouse and logistic management, asset tracking, retail process, etc.

Physical Characteristics

Dimension: 300x 210 x 70mm

Weight: 2.2kg

Case material: Duralumin

LED indicator: 5

Environment

Working Temperature: -20 ⁰C - +55 ⁰C

Storage Temperature: -30 ⁰C - +75 ⁰C

Humidity: 20% - 95%

Performance

Frequency range: 902~928Mhz

Air protocol: EPC C1G2/ISO18000-6C

Digital input/output: 2TTL input, 4TTL output

Firmware upgrade: Upgradeable without opening reader case

Maximum distance: 4.5m

EPC data filtration: As per EPC data matching

Antenna: 4 ports, controlled by electronic switches

Communication ports: RS232 & 10/100M Ethernet/USB1.1

RF output power: 1.0W

Upgradeability: Firmware upgradeable

Power: 100V ~ 240V AC

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