This UHF RFID fixed reader is specially designed for logistics management, intelligent transportation and industrial automation identification management.

This industrial-class UHF RFID fixed reader is compatible with ISO18000-6C or ISO18000-6B protocols and features simultaneous multi tag reading capability. It is specially designed for logistics management, intelligent transportation and industrial automation identification management.

This UHF RFID fixed reader is easily integrated into supply chain applications including dock door portals and conveyors systems and has 4 mono static antenna ports. The robust software architecture provides a good platform that addresses the needs of deployments of UHF RFID integration. It supports RS232, RJ-45, RS485, two Wiegand channels and trigger input capability. It is encased within an IP54 weatherproof enclosure.

Key Features

- ✓ Compliant with ISO18000-6C or ISO18000-6B standard
- ✓ Simultaneous multi tag reading capability

- ✓ 4 mono static antenna ports
- ✓ Supports RS232, RJ-45, RS485, two Wiegand channels and trigger input capability

Technical Specifications

Operating Frequencies	U.S. frequency 902 to 928 MHz (FCC part 15)
	European frequency 865 to 868 MHz (ETSI en 302 208)
	China frequency 920 to 925 MHz
	Japan frequency 952 to 954 MHz
	Other multi-national frequency standard (customizable)
Protocol support	ISO18000-6C
Antenna	8 dBi circularly polarized antenna (built in)
Read/Write Range	8 m Read, 4 m Write, dependent upon the transmitter power, antenna type, RFID label type and application environment.
Operating modes	Master and Slave Mode online mode; Timing Mode; Trigger mode
Power Interface	DC 12 V
Antenna Interface	SMA (up to 4 external antennas)
Communication interface	RS-232; Wiegand 26/34/42/18; RS-485; 10/100M Ethernet interface (optional)
Operating Temperature	-20 °C to 55 °C
Storage Temperature	-40 °C to 70 °C
Dimensions	230 mm × 200 mm × 30 mm
Weight	1.5 kg
GPIO	4 GPIO Signals (can be used as the trigger signal input)
Indicators	Power (red), Communications (yellow), Read (green), Antenna detection (yellow)
Development Kit	API application development kit and VC routines
Protection Degree	IP 54

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