



RFO QT1400

UHF RFID

DATA SHEET

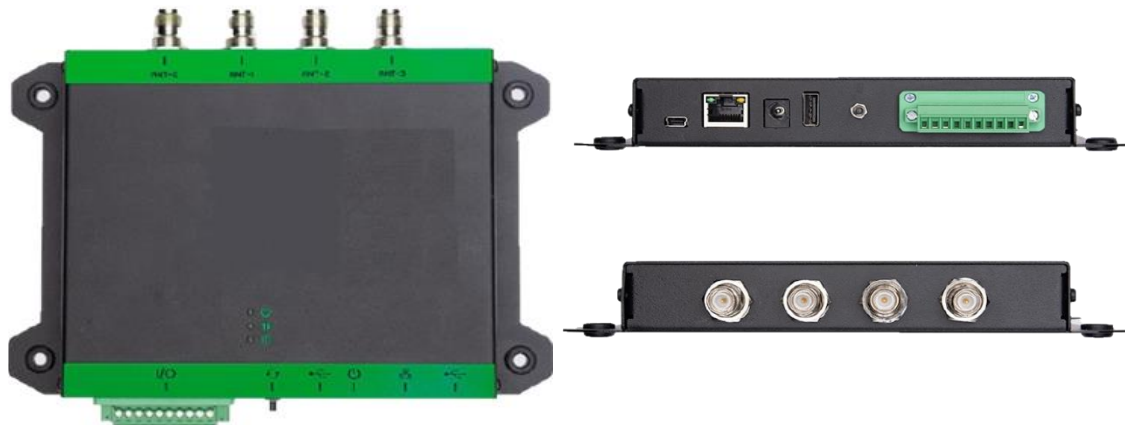
Product Description

Main Features

Features

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- Multiregional support
- Four 50 Ohm TNC-RP antenna connectors
- Power over Ethernet interface
- Up to 31.5 dBm (1.4W) output power
- Internal scripting engine
- USB host port
- PoE or external power supply

Product pictures



Article no:

Standard

RFO QT1400

Typical Applications

- Manufacturing
- Security
- Waste management
- Logistics

- Health Care
- Asset management
- Food
- Transportation

- Service Maintenance & Diagnostics
- Automotive
- Retail & POS
- Home Automation

Contact:

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Technical Specifications		RFO QT1400
Physical Characteristics		
Dimensions	- (W)210 x (L)140 x (H)27 mm3 - 8.27 x 5.51 x 1.06 inches3	
Weight	740 g	
Power Supply	- 5V DC power supply (12W) - PoE standard IEEE 802.3af (12.95W)	
LED Indicator	Multicolour LEDs: Power, Activity, Status and Applications	
Communication		
I/O Interface	- 10 Poles Terminal Block with screw connector - 2 digital inputs optically isolated - 2 solid state photorelay outputs optically isolated (500mA max)	
Connectivity	- USB Interface: USB 2.0 High Speed (480 Mbit/s) device port (USB mini connector) - Virtual COM port - Ethernet 10/100/1000Base-T (RJ45) - PoE standard IEEE 802.3af	
RFID-Reader		
Frequency	- 865.600-867.600 MHz (ETSI EN 302 208 v. 3.1.1) - 902-928 MHz (FCC part 15.247)	
Protocol	EPC Class 1 Gen 2 - ISO18000-63	
Output Power	- Up to 31.5 dBm (1.4W) conducted (ETSI) - Up to 30 dBm (1W) conducted (FCC)	
Number of Channels	- 4 channels (compliant to ETSI EN 302 208 v. 3.1.1) - 50 hopping channels (compliant to FCC part 15.247)	
Receiving Capability	- Gen 2 Dense Reader Mode Management - Data rate up to 400kb/s	
CPU	ARM9 @ 400MHz on Atmel AT91SAM9G25	
Operating System	Linux	
Antenna Connectors	4 TNC Reverse Polarity	
Environment		
Operating Temperature	-10°C to +55°C	
IP Rating	IP30	