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UHF Integrated RFID Reader RRUHFR02

Features & Benefits

- Trigger based activation mode
- Reads and writes to transponders based on EPC Gen 2 (ISO 18000-6C) and ISO 18000-6B air interface protocols covering 862 to 955 MHz
- RF output power is software adjustable upto 30 dbm
- SDK and documentation available for further development
- Various interface options from Rs232, Rs485 and Wiegand

RRUHFR02 is a UHF Integrated Reader operating at 862 to 955 MHz. It works with an internal antenna and reads ISO 18000-6B and ISO 18000-6C (EPC Gen 2) tags.

With RF Output Power of upto 30 dbm, longer read ranges can be achieved. Various communication interfaces are available like RS 485 and RS 232 as option.

Applications

- Supply chain management
- Garment tracking
- Inventory Management
- Retail Applications

Specifications

Parameter	RRUHFR02
Operating Frequency	862 to 955 MHz
Power Supply	9 to 12 V DC
Serial Data Rate	4.8 to 115.2 kbps
Transmitting Power	upto 30 dbm Software adjustable
Read Range*	Up to 4 m
Antenna	Internal
Communication Interface	RS232 / RS485 / Wiegand
Supported Transponders	ISO 18000-6B, ISO 18000-6C (EPC Gen 2)
Indicators	Buzzer as audio indicator
Operating Temperature	-12°C to +50°C
Read Performance	25 tags per second
Dimensions	450 X 450 X 60 mm
Weight	2.75 Kg approx.
Packaging Material	ABS Plastic
Color	White

* Read range is dependant on tag size and design.

“RapidRadio with its technical expertise in RFID technology and its physics focuses on designing, developing, innovating and deploying RFID hardware solutions”

RapidRadio Solutions reserves the right to make changes in the specification without notice.



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