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## Multi Channel UHF RFID Reader RRUHFR04

### Features & Benefits

- Connect up to four external UHF Antennas through TNC Port
- Relay available to trigger external devices
- Higher read ranges available
- SDK and documentation available for further development
- Various interface options from Rs232, Rs485 and Ethernet interfaces

RRUHFR04 is a high performance Multi Channel UHF RFID Reader. It has provision to connect up to four external UHF Antennas.

With provision to connect multiple antennas this fixed reader can cover larger area for reading tags. It also has inbuilt relay to trigger external devices based on read events.

### Applications

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

# Specifications

Parameter	RRUHFR04
Operating Frequency	865 to 867 MHz
Power Supply	9 to 12 V DC
Serial Data Rate	4.8 to 115.2 kbps
Transmitting Power	Up to 30 dbm Software adjustable
Read Range*	Up to 5 meters
Antenna	External (4 TNC port)
Communication Interface	Rs232 / Rs485 / Ethernet
Supported Transponders	ISO 18000-6B, ISO 18000-6C (EPC G2)
Indicators	Buzzer, 7 LED's (4 Antenna, 1 Read, 1 Communication, 1 Power)
Operating Temperature	-12°C to 50°C
Read Performance	25 tags per second
Dimensions	220X 175 X 45 mm
Weight	1.2 kg approx.
Packaging Material	Metal

\* Read range is dependant on tag size,tag design and antenna gain.

“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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