



RFGATE RGR06 UHF RFID READER

- RFGate RGR06 UHF RFID Reader – Single Antenna Port EPCglobal Class 1 Gen 2 (ISO/IEC 18000-6C) protocol has reached the highest levels of read and write performance.
- It operates in the range of 860-960 MHz.
- RFGate RGR06 UHF RFID Reader can provide reading from 7 metres with the appropriate tag and antenna.
- It creates a wide reading area with its single port design.
- It operates between -20°C to +55°C.
- It has a low power operating principle for both reading and coding.

Designed in dimensions 112 X 100 X 29.5 mm.

Dimensions(mm)



Technical Information

Feature	Description
Protocol	EPC Global UHF Class 1 Gen 2/ ISO 18000-6C
Operating Frequency	865 - 868 MHz / Optional 902 - 928 MHz
Output Power	0-33dbm
Communication	TCP-IP
GPIO	2 In, 2 Out (3.3V)
Port	1 RFID Antenna Input
Dimensions	112 X 100 X 29.5 mm
Humidity	5% BN - 95% BN (non-condensing)
Operating Temperature	-20 °C to +55 °C

Interface Definition List

INTERFACE DEFINITION LIST		
PIN	INTERFACE	DESCRIPTION
1	+12V	12V Power Supply
2	GND	Common Ground With +12V External Power
3	RS-232 TXD	RS-232 Data Output
4	RS-232 RXD	RS-232 Data Input
5	GND	Common Ground With RS-232 Interface
6	GIPO3	GPIO3 or Wiegand Data 0
7	GIPO4	GPIO4 or Wiegand Data 1
8	GND	Common Ground With Wiegand Data 0

Usage Areas

RFGate RGR06 UHF RFID Reader - Single Antenna Port; It is used in textile, retail, garment, inventory tracking, personnel tracking, warehouse, logistics, tracking difficult materials and objects.



textile / retail



logistics



warehouse



garment



inventory tracking