

Integrated Reader VMRFID-020

RFID technical parameters

Frequency	902~928MHz (US) 865~868MHz (EU)
Protocol	ISO18000-6C (EPC GEN2)
RF output power	0dbm—33dbm(Adjustable)
Built-in antenna	5dbi linearly polarized ceramic antenna
Card reading distance	0~2m
writing distance	0-1m
Maximum receiving sensitivity	-75 decibels Maximum return loss: 10dbm
RSSI	support
Operating mode	Active mode/command mode/trigger mode

Physical parameters

Material	Fireproof ABS
size	115*95*35 mm
net weight	450g
Package Size	24*17*13cm
Package weight	1.1kg

Data communication

Communication Interface	RS232/RS485/RJ45/POE (Optional)
Protocol	Modbus/ Profinet (customized)
Communication rate	Serial port rate 9600~115200 bps
GPIO interface	Network port rate 10/100Mbps
Interface Type	1 set of GPI, supports customized GPO
Working status display	Round waterproof M12 female pin
Operating Voltage	DC 9~24V

Development environment

SDK	Demo software, API, examples, user manual
Development language	VB、 Python、 Java、 Delphi、 c#
Firmware version	Support online upgrade

Working environment

IP protection level	IEC IP67
Operating temperature	-20°C~65°C
Storage temperature	-40°C~85°C
humidity	5%-95%, non-condensing

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