MORX RFID

DESCRIPTION

Modbus/Profinet 2m range IEC IP67 Protection level UHF RFID industrial reader for automated production line.

Specification

Model	UHF Industrial Reader
Air interface agreement	EPC Global UHF class1 Gen2/1S0 18000-6C
Frequency Range	902-928MHz or 865-868MHz
RF output power	0-33dBm±ldBm
Maximum receiving sensitivity	-75 dbm; Maximum return loss: 10 dbm
Reading distance	0-2m (related to reader parameter configuration, tag type)
Write distance	0-1m (related to reader parameter configuration, tag type)
Number of antennas	Built-in 5dbi antenna
Communication Interface	RS232, RS485, RJ45,P0E(for optional)
Protocol support	Modubus/Profinet(customized)
Communication rate	Serial communication rate 9600~115200bps, RJ45 communication rate 10/100Mbps
Work status display mode	4 LED indicator, buzzer
GPIO	1 inputs, 1 outputs(support customized)
Firmware upgrade	support
SDK	VB, Python, Java, Delphi, c# etc
Size	115 (length) * 95 (width) * 35(height) mm
Power supply	Working voltage DC9-24V
Packed weight	450g
Humidity	5% ~ 95%, non-condensing
Protection level	IEC IP67
Operating temperature	-40°C ~ 70°C
Storage temperature	-40°C ~ 85°C
Connector form	Round waterproof M12 pin female seat
Compliance certification	FCC certification, CE certification
Protocol	ISO18000-6C(EPC GEN2)
Frequency	902~928MHz（US）/865~868MHz(EU)
RF power	33dbm (adjustable)
Communication Interface	RS232/RS485/RJ45/POE (optional)
Reading distance	0~2m (related to card reader parameter configuration and tag type)
Writing distance	0-1m (related to card reader parameter configuration and tag type)
GPIO	2 sets of trigger signal input, 2 sets of relay signal output

Dimensions :

35mm

95mm

115mm

Front side

Back side

MIVANTA