

UHF RFID READER FR4A

Made in Taiwan



BASE PARAMETERS

Industrial Protection	IP54
Interface	RJ45
	4 PIN GPIO
	RS232 Option
Modbus support	Yes
SECS support	Yes
Storage	Store network and radio frequency parameter settings
Antenna	4-Antenna (SMA-Female)
Protocol	ISO18000 6C/ EPC Global C1G2
Frequency Region	NCC (922~928MHz)
RF Power	0dBm ~ +30dBm
Receiving Sensitivity	-83dBm
Modulation	BSD_ASK/M0/40KHz : PR_ASK/M2/250KHz PR_ASK/M2/300KHz : BSD_ASK/M0/400KHz
Power input	DC Adapter, PoE
Power consumption	Max 9W Standby 1.5W
Input Voltage	DC 12~24 V
Operating Temperature	-20°C~+50°C
Storage Temperature	-40°C~+70°C
Operating Humidity	10%~90%
SDK	Microsoft .NET API
Dimension	121(L) x 105(W) x 26(H) mm

PIN ASSIGNMENT

PIN	PIN ASSIGNMENT	DESCRIPTION
Pin 1	GPO 0	Driving Capacity: 20mA (max.) Logic Low: 0 to 0.8V
Pin 4	GPO 1	Logic High: 2.4V to 3.3V
Pin 5	GND	Ground
Pin 6	GPI 0	GPI, Low-edge Trigger, Low Active
	(can be defined as	Logic Low: 0 to 0.8V
	GPO 2)	Logic High: 2.4V to 3.3V
Pin 7	GPI 1	GPI, Low-edge Trigger
	(can be defined as	Logic Low: 0 to 0.8V
	GPO 3)	Logic High: 2.4V to 3.3V
Pin 8	NC	NC
Pin 9	+5V	Output 5V/500mA

HIGHLIGHT FEATURES

- Comes with UHF RFID Reader Module based on Impinj's Reader Chip
- Provide Ethernet & GPIO Interface
- Mini and exquisite appearance, Easily for installation
- Embedded high speed processor, able to be self controlled or connected to an External PC
- Widely applied to Intelligent Assembly Line, Distributing Center and simple RFID Detection