

Fixed UHF Reader Series



[α312]



[α102]



[α103]

RFID EPC C1 G2(ISO 18000-6C) Protocol Support

Easy to use multiple connections for users

Integrated system support

Product waterproof and sunscreen features, easy to install

Performance that can be recognized from a distance

Waterproof dustproof IP67 grade



α312

4-Port Channel Fixed Reader



Characteristics

- IMPINJ RFID Chip Adoption
- Multi-interface communication support
- EPC Global Class Gen2(ISO 18000-6C) Protocol support
- High search rate to read up to 200 tags per second

Application field

- Collect Tag Information for Automatic RFID
 - Incoming and forwarding and container management
 - Asset history tracking management
 - Asset and employee security management
 - Warehouse logistics management
 - Automation System (ETC) Management
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α102**Antenna**



Characteristics

- Frequency Range : 902-928MHz
 - Gain : 7dBi
 - Beam Width : Horizontal 72 / Vertical 72
 - Polarization : Circular polarization
 - Dust & Water Proof : IP65
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α103**Antenna**



Characteristics

- Frequency Range : 902-928MHz
 - Gain : 9dBi
 - Beam Width : Horizontal 65 / Vertical 65
 - Polarization : Circular polarization
 - Dust & Water Proof : IP65
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■ Product Specifications and Accessories

Standard Protocol	EPC C1 G2 (ISO 18000-6C)	RF Ports	4 TNC Connector
Size	141*160*38mm	Weight	743g
Communication Specifications	RJ45, RS232/485	External Input/Output GPIO	2 Output 1 Input
IP Specification	IP67	Case Material	Aluminum
Power	DC 12V/3A	Humidity	5% ~ 95%(RH)
Operating Temperature	-20°C ~ 70°C	Storage Temperature	-30°C ~ 80°C
External Small Antenna (Optional)	Small ceramic antenna stable identification distance of 2-3 meters	Desktop Antenna (optional)	8dBi Circular polarized flat antenna > 10m
RF Power Range	15dBm ~ 30dBm (Software Settings)	Frequency Modulation	FHSS or fixed frequency (Software Settings)

Accessories



Power Adapter



Antenna Cable



Desktop Antenna



External Small Antenna



Introduction to YouTube Video Products

More product descriptions of APULSETECH can be found on the YouTube channel "Apulsetech".