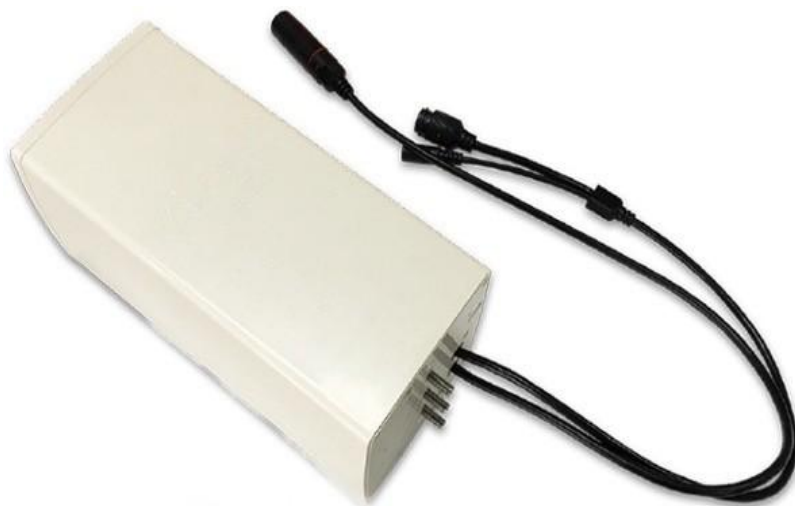## 2.4G Ultra-long Range Integrated Reader MR7901P

Features:

MR7901P widely used in IOT market for data collecting purpose. With excellent RFID technology collecting RFID tag signal in real time, positioning of people, vehicles and items with the location information of the base station itself.

Features:

1. 2.4GHz ISM open band, comply with wireless management regulations
2. Dual-polarized directional antenna for directional reading up to 400 meters.
3. The four antennas correspond to four directions,determine the orientation of the RFID tags.
4. Power failure alarm. Built-in power failure buffer power supply can report power failureinformation in time.
5. Device management such as parameter configuration and remote upgrade via TCP/IP andGPRS.
6. Bluetooth BLE4.0 wireless connection for device parameter configuration.
7. High reliability: rainproof, lightning protection, against typhoon.

Applications: location data collection, visitor management, asset/personnel location data collection, personnel attendance, outdoor tracking management

Parameters:

Model	MR7901P
Identify type	4 antenna inside, can use as omnidirectional and directional both.
Signal modulation mode	GFSK
Traffic rate	1Mbit/s
Working frequency	2440MHz
Lateral tension (wind-proof)	20N (Typhoon level 12)
Lightning protection level	$\geqq$ 4000V
Antenna gain	12dBi Dual polarization directional antenna
MAX receive sensitivity	-90dbm
Reading range	MAX 400m (based on tag type)
IP	IP65
Material	ABS, high temperature resistant, white color
Dimension	230*106*106mm
Input voltage	9-12V
Net weight	2kg
Power consumption	300mA
Power adaptor	9V 3A
Operating temperature	-30℃~+55℃
Storage temperature	-45℃~85℃
Transfer method	4G and TCP/IP
4G capabilities	Based on country

Applications:

1. Personnel identification and tracking, especially in large airports, parks, cities and other large open areas.

2. Attendance management of campus and factory.

3. Animal husbandry industry, vessel identification and construction site asset supervision, etc.

Photos:

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