



## DESCRIPTION

RFG-ARM104G 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.

Specification	
Model	: RFG-ARM104G
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	: $\geq 4000V$
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°C~+55°C
Storage temperature	: -45°C~85°C
Transfer method	: 4G and TCP/IP
4G capabilities	: Based on country

## Features

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

## Application

- ◆ location data collection,
- ◆ visitor management,
- ◆ asset/personnel location data collection,
- ◆ personnel attendance,
- ◆ outdoor tracking management,
- ◆ student attendance etc.