Product Description

Usage Scenarios and Recommendations

- **Infrared Beams**
  - **Usage Scenarios**: Infrared beams are mainly used in parking lots for simple vehicle presence detection, such as at the entrance and exit of parking lots to detect whether a vehicle is approaching or passing through, and can also be used in gate systems to prevent tailgating. They are suitable for environments with relatively few interference factors and lower requirements for detection accuracy.
  - **Recommendations**: It is recommended for small - to medium - sized parking lots with simple environments and low - cost requirements. However, since infrared beams are easily affected by environmental factors such as light, fog, and rain, resulting in false positives or missed detections, their application scenarios are somewhat limited.
- **Vehicle Detectors with Coils**
  - **Usage Scenarios**: Vehicle detectors with coils are widely used in parking lots, toll stations on highways, and traffic signal control systems. They can accurately detect the entry and exit of different vehicles, and are suitable for various types of vehicle detection scenarios. By dividing the laying area of the ground - sensing coil, they can effectively manage the entry and exit of vehicles, such as controlling the lifting of gate bars and detecting the occupancy of parking spaces.
  - **Recommendations**: It is recommended for parking lots with high - traffic volume and high - accuracy requirements for vehicle detection. Although the installation of ground - sensing coils requires cutting the road surface, which is relatively complicated, they have high stability and reliability, and are less affected by environmental factors such as weather.

perating frequency	79GHz
Operating voltage	12V
Signal output	Switching
Humidity range	25°C relative humidity 98%
Detection range	1m~6m (distance adjustable)
Average power consumption	<2.5W
Dimensions	105x73x20(mm)
Operating temperature	-40°C - 85°C

Detailed Images

Future:
Industrial engineering design concept
Standard industrial guide installation
Strong anti-jamming ability and stability
Variety of output interface adapted to different scene
Variety of shape choice meet differentiation demand
High temperature stability
Environment drift automatic compensation function

Coil automatic fault detection function

New 79G barrier radar

Anti-smashing radar

WeChat applet debugging/no wire cutting and wiring/
online upgrade with one-click setting

Eight major advantages
Easy to use

Millimeter wave detection
79G millimeter wave detection frequency is more accurate

High efficiency and stability
High sensitivity and high vehicle detection rate

Long lifespan
High and low temperature resistance, military quality

Automatically adapt to the environment
Suitable for various severe weather conditions such as heavy rain

Smart radar
Easy to install and maintain

Mobile phone debugging
Bluetooth connection applet debugging

Safe and reliable
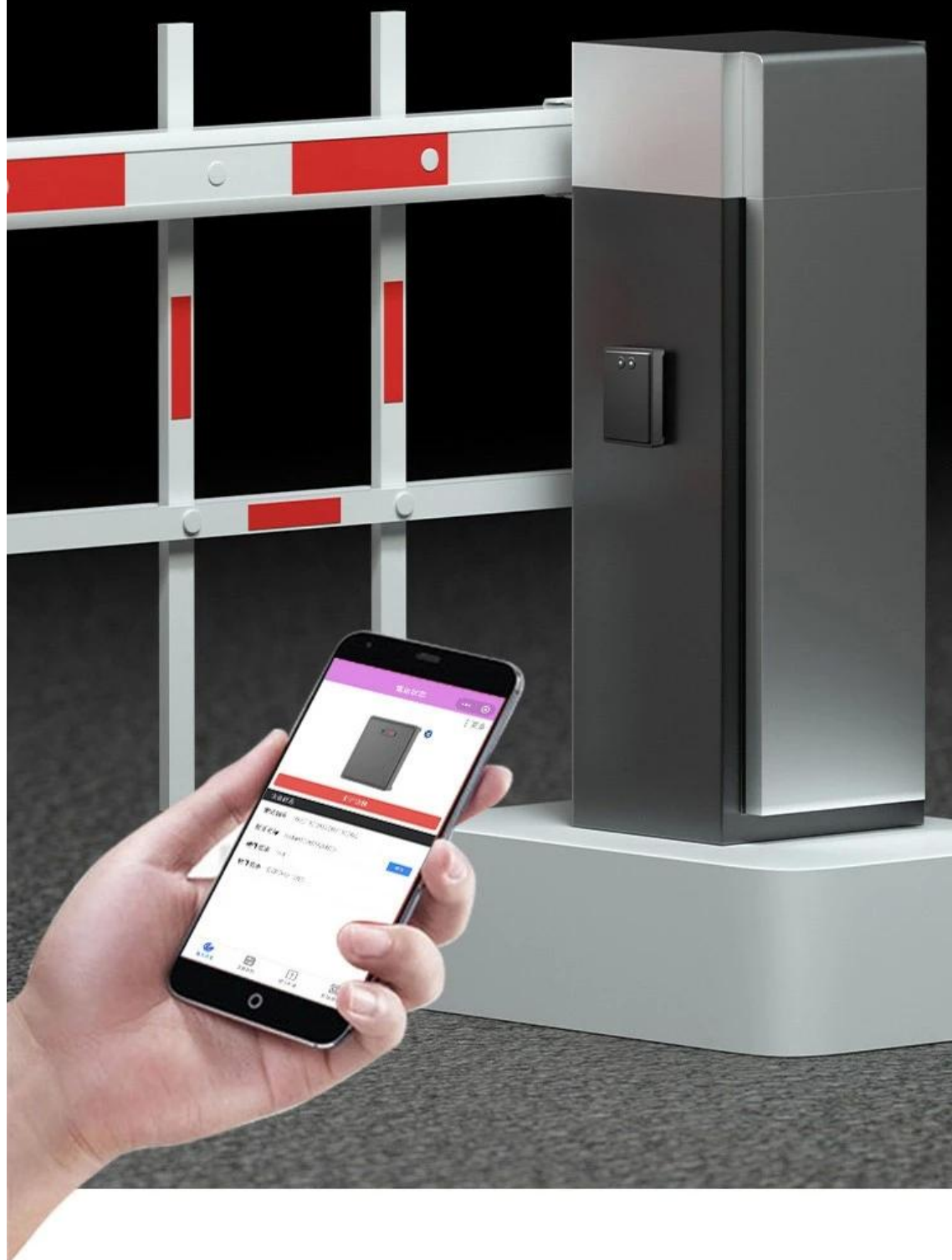Intelligent identification of vehicles and people

Easy to install
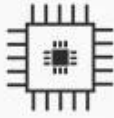No need to cut the ground, instead of traditional ground sensor

Radar is newly upgraded

Supports WeChat applet debugging
A more convenient and worry-free setting method

Nine functions

79G ANTI-SMASHING RADAR CHIP	BLUETOOTH DEBUGGING	ANTI-SMASHING PEOPLE AND CARS
SUITABLE FOR VARIOUS ENVIRONMENTS	STRONG STABILITY	EASY TO INSTALL
HIGHLY SENSITIVE	WIDE RANGE OF APPLICATIONS	PRECISE IDENTIFICATION

Millimeter wave radar

Sensitive sensing to prevent people and
cars from being hit

A gate radar with stable performance,
safety and reliability

The radar is compatible with a variety of gate machines

Applicable to straight-pole gates/fence gates/advertising gates/airborne gates
It can achieve high-precision anti-interference, strong anti-smashing,
safe and reliable features

Straight pole

Fence pole

Advertising pole

Airdrop gate

Are you often troubled by the following problems???

Grooving construction
Time-consuming and
labor-intensive

Messy line
Complex and difficult
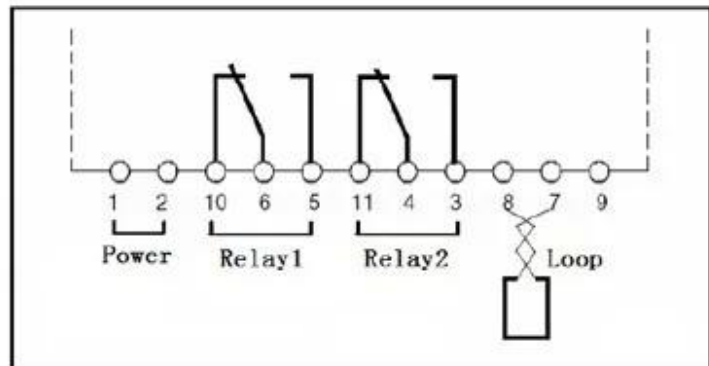to connect

Poor sensitivity
Cannot respond to the
car

Installation and
maintenance are
complex

Anti-smashing radar helps you say goodbye to the tedious operations you encounter,
saving time and effort!
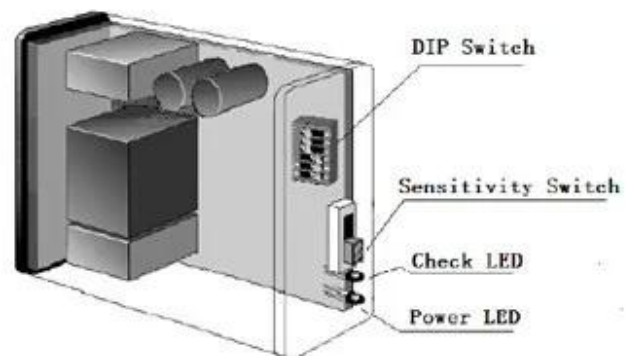
■ Install Detector

The loop detectors must only be placed in dry rooms or control cabinets that are protected against all types of moisture and wetness. A distance of at least 10 mm from other devices must be maintained on each side. The ambient temperature must not exceed 65° C. The installation of the induction loop is described in other operating instructions.

■ Wiring Diagram

■ Operation and Indication

When the power is applied, the red Power LED will glow and the detector is tuning, the green Check LED blink about 3 seconds. The green LED will also glow whenever a vehicle is detected passing over the inductive loop. If a loop fault exists the green LED will come on and flash indicating a fault.

Your May Need

We are Professional uhf reader manufacturer , Except the ACM812A , we also can supply ACM802A , ACM818A , ACM801A . The main difference of them are the reading distance . Also , ACM801A can be used to read multi-tag(200 pcs at one time) . For more detail , please click following picture .

ACM812A
2-5m reading range UHF reader
Wiegand 26 output, RS232/485

ACM818A
10-20m long range UHF reader
Wiegand 26 output, RS232/485

ACM802A
8-10m reading range UHF reader
Wiegand 26 output, RS232/485

ACM801A
10-15m UHF reader
Wiegand 26 output, RS232/485

ACM 8017
UHF Handheld Reader
UHF+WIFI+GRPS

ACM 918K
UHF 4-Antenna Channel High
Performance Fixed Reader

Our Service

1, Any inquires will be replied within 24 hours
2, Professional manufacturer and supplier, Welcome to visit our website and our factory
3, OEM/ODM Available
4, High quality, fashin desing, reasonable & competitive price, fast lead time
5, After-sale Service :
1), All products will have been strictly quality checked in house before packing
2), All products will be well packed before shipping
3), All our products have 2-3 year warranty if the damage is not caused by human
6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
7, Payment : You can pay for the order via : T/T, Western Union, Paypal

FAQ

Q: 1. How can I place an order?
A: Please list your requirement to us via Email. Then we will send the offer to you at earliest

time,after order confirmation, we will arrange production ASAP.

Q: 2.What about the payment and shipment?
A: T/T ,Paypal, Western Union.
    Clients can choose by sea, air or express(DHL, FedEx, TNT UPS etc.)

Q: 3. How can i get a sample to check your quality?
A:We could provide free sample to you, and the freight cost payed by you.

Q:4. How long can I expect to get the samples?
A: It depends on the quantity. Normally 3-7 days for 5000pcs and 7-15 days for 100,000pcs

Q:5. Can your products be customized?
A: Almost all of your products are customized ,including the materia, size, thickness and printing.
OEM orders are highly welcome.

Q:6.Are you a trading company or factory?
We are the one of the biggest manufacturer of RFID cards/NFC tags/RFID keybod /RFID
wristband，rfid reader and access control products in China more than 20 years.