



DESCRIPTION

It is widely used in highway toll management, hotel article anti-theft management, industrial production automation management, urban vehicle management, platform weighing management, container container management, etc.

Product Parameters

Specification	
Frequency	USA: 902 MHz-928MHz,EU: 865-868MHz
Protocol	15018000-6B- 6C (EPC C1Gen2)
Built In Antenna	6 dbi Circular Antenna
Work Mode	Active, Trigger, Password; Answer Mode (Optional)
RF Power	26 dbm Adjustable
Read Distance	5-6 (Depends on Tag)
Interface	RS232,USB,WG26,Relay TCP/IP, POE, WIFI (Optional)
Power Supply	9-30 V
Reader Size	260*260*60mm
Net Weight	1.2Kg
Operating Temperature	-10 - +55° C
Storage Temperature	-20 - +75° C

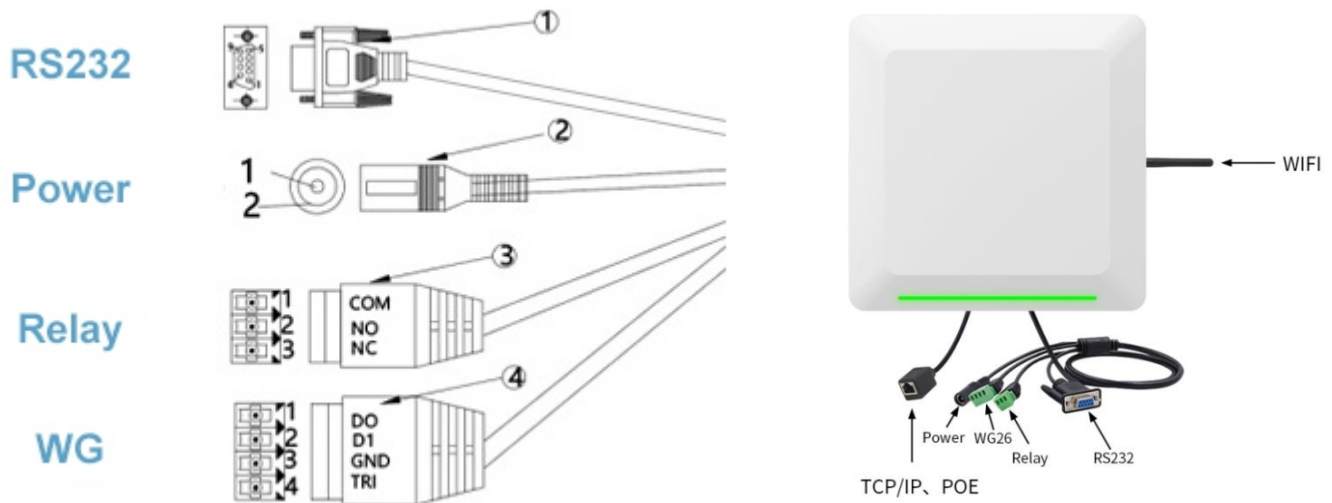
Product Features

Automatically scan ports/networks	: Automatic scanning and connection without additional installation of drivers or configuration
Support password mode	: The device is configured with an EPC access password, which only allows reading the same password label, with high security
Support mask function	: The device is configured with an EPC mask, only allowed to read the same mask label, accurate matching
Support relay enable	: The relay can supply power and communicate to trigger the work of external equipment
Support POE interface	: A network cable completes power and communication
Support WIFI communication	: Wireless network makes communication connection more convenient and efficient
Support RSSI	: The uploaded data read from the tag will carry the RSSI value, which can be used as a reference to calculate and judge the distance
Support data caching	: The data of network disconnection will be automatically cached and uploaded after reconnection to avoid data loss
Support remote monitoring	: Just configure an IP address to monitor and receive data sent by remote devices
Support multi-language development	: Support C#, Delphi, java, Python, VB and other language development
Support customization of multiple protocols	: ASCII, HEX, Modbus and other protocols are optional and can be customized
Support firmware remote online upgrade	: Special functional requirements can be completed through remote upgrades

Interface Definition

Standard interface: RS232、WG26、Relay

Optional interface: TCP/IP、POE、WIFI



Power		RS232			WG26			Relay			
12V	GND	TX	RX	GND	D0	D1	GND	TGIN	NO	NC	COM
Red	black	Light green	yellow	pink	green	white	brown	blue	purple	orange	grey

Optional interface: TCP/IP/POE/WIFI



TCP/IP Network communication is stable, wireless length limit



POE Network cable power supply, no wiring, plug and play



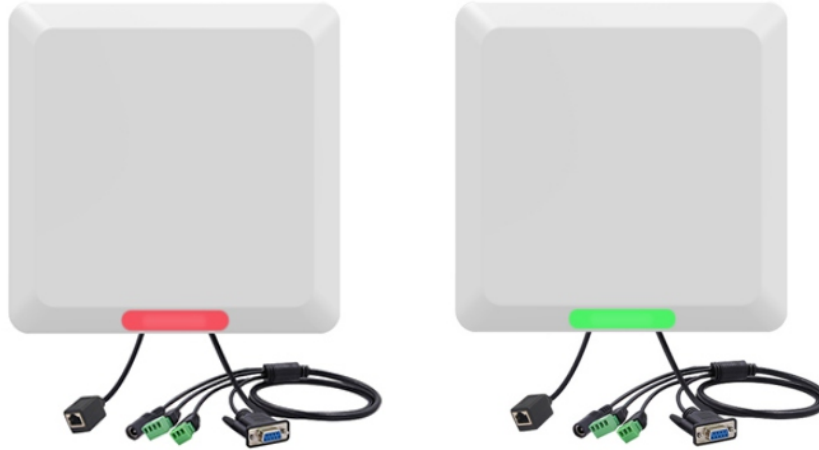
WIFI Wireless communication, no need to wiring

Product accessories: bracket * 1 set, plug + power adapter * 1 set

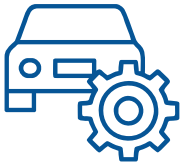


Working Status

The red light is on when the power is on, the green light is on & flashing when reading the card, and the buzzer prompts



Application



Vehicle
Management



Weighing
Management



Working Access
Management



Production Line
Management