RFG-CR32

UHF LONG RANGE INTEGRATED READER

DESCRIPTION

Widely used in highway charging management, hotel items anti-theft management, industrial production automation management, urban vehicle management, floor launch weight management, container and container management, etc.

Product Parameters

PHYSICAL CHARACTERISTICS	
Dimension	445mmx445mmx55mm
Weight	3.55kg
USER ENVIRONMENT	
Operating Temp.	-10~+55℃
Storage Temp.	-20~+75℃
CONNECTIVITY	
COMMUNICATIONS	Rs232, RS485,TCP/IP, WIFI (Optional)
OUTPUT	Wiegand
POWER SUPPLY	9V DC
RFID UHF	
Frequency	865~868MHz, 902~928MHz frequency band(frequency customization optional)
Protocol	ISO18000-6B, ISO18000-6C(EPC C1G2)
Read Range	12m~15m (Depend On Tag)
Work Mode	Active Mode, Trigger Mode and Answer Mode(Optional)
Antenna Power	12dbi Linear Antenna
Output Power	Up to 26dbm(adjustable)

Product Features

Automatic scanning port/network : No need to install the driver or configuration, it can be scanned and connected automatically

Password mode : The device configures the EPC access password, which only allows reading the same password tag, high security

Mask mode : Device Configured the epc Mask, which only all allows reading the same mask tag, account matching

Relay : Relay can be used for power supply and communication to trigger external equipment work

POE interface : A network cable can complete power -on and communication

Wifi communication : The wireless network makes the communication connection more convenient and efficient

RSSI : Reading TAG upload data will bring RSSI value, which can be used to refer to the calculation judgment distance

Data cache : The network drop data will be automatically cached after connecting again to avoid data loss

Remote monitoring : You only need to configure an IP address to monitor the receiving remote device to send data

Multiple languages development : Support C#, Delphi, Java, Python, VB and other language development

Customized multiple protocols : ASCII, Hex, Modbus and other protocols can be selected and customized

Firmware remote online upgrade : Special functional requirements can be completed by remote upgrade
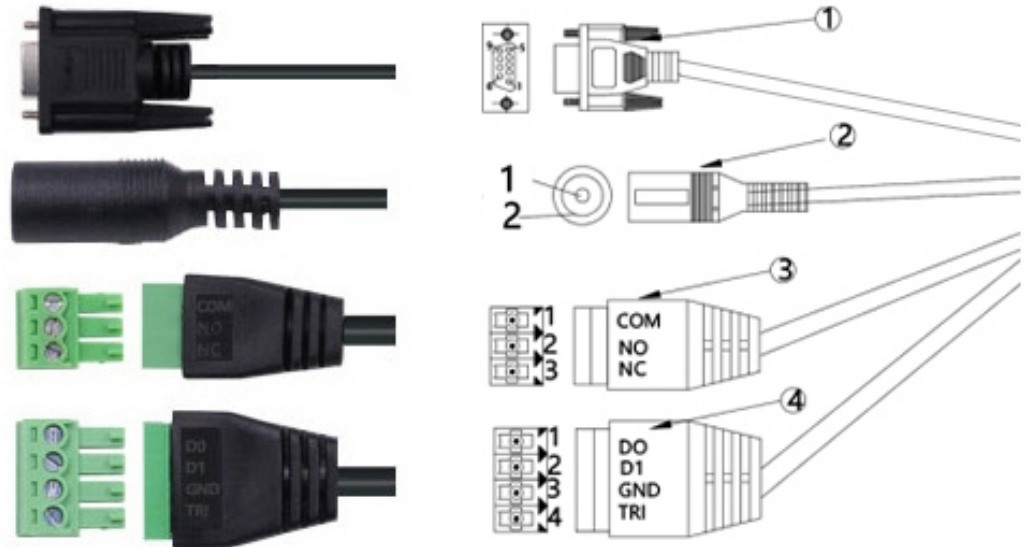
Interface Definition
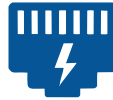
Standard interface：RS232/WG26/Relay

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

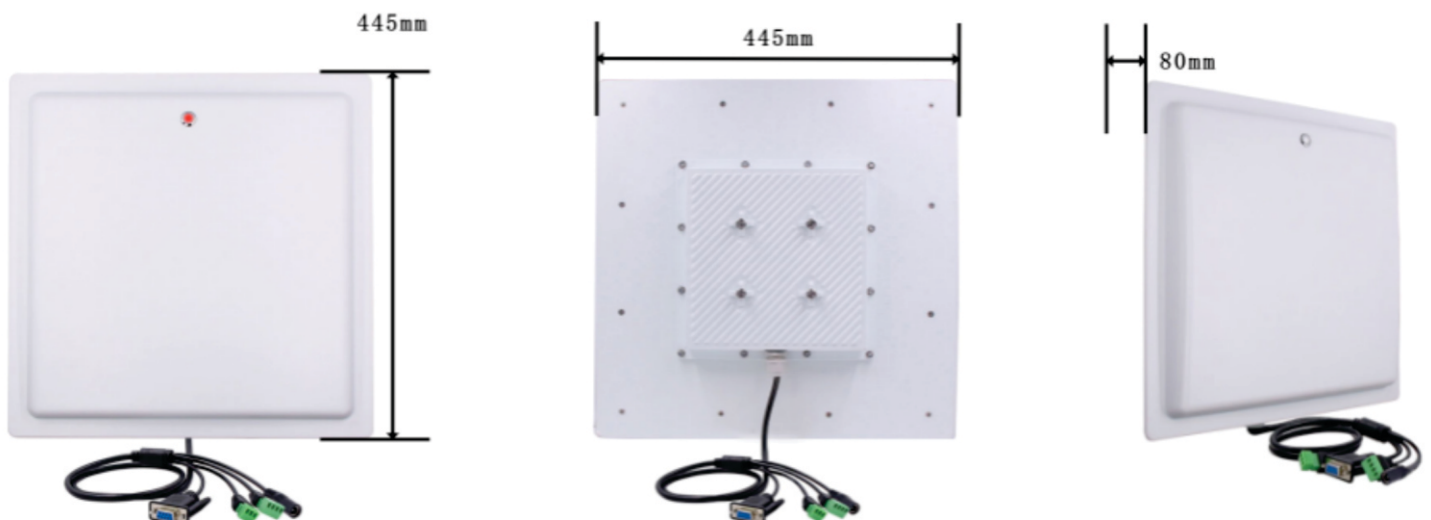TCP/IP Network communication is stable,wireless length limit

POE Network cable power supply,no wiring, plug and play
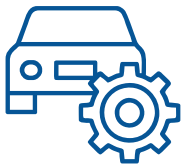
WIFI Wireless communication, no need to wiring

Product Images

445mm

445mm

80mm

Product Acessories

Application

Vehicle
Management

Weighing
Management

Livestock
Management

Production Line
Management

Personnel
Management

Farm
Management