

PRIME READER

UHF READER

CF691



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.

1、Product Features

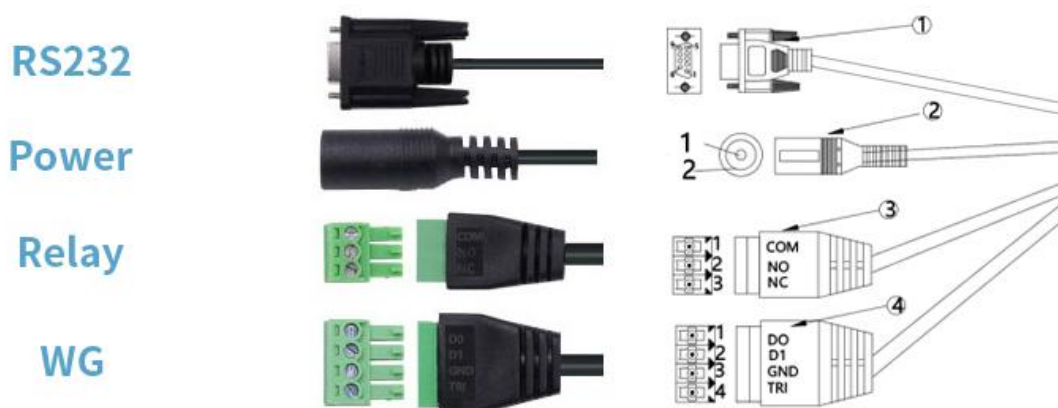
CF691 PRIME UHF 9dbi Integrated reader	
Automatic scanning port/network	No need to install the driver or configuration, it can be scanned and connected automatically
Password mode	The device configures the EPC access password, which only allows reading the same password tag, high security
Mask mode	Device 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

2.Product parameters

CF691 PRIME UHF 9dbi Integrated reader	
Frequency	902~928MHz (US) /865~868MHz(EU)
Protocol	ISO18000-6C(EPC GEN2)
Built -in antenna	9dbi circular antenna
Operating mode	Active mode/Trigger mod/Answer mode (for optional)
Special function	Support Mask/Password mode
RF power	Max 27dbm(adjustable)
Reading distance	0~10M (depends on tag and work environment)
Communication Interface	Standard interface: RS232/WG26/Relay Optional interface: TCP/IP/POE/WIFI Customized interface: USB/TTL/RS485
Operating Voltage	9-24V (12V 2A power adapter)
Equipment	ABS shell, IP65 protection level
Equipment Specifications	Size: 260*260*60mm / Weight: 1.7kg
Single packaging specification	Size: 410*300*100mm / Weight: 2.1kg
Standard box packaging specification	10pcs/carton; Size: 50*42.5*63cm / Weight: 22.5KG
Operating temperature	-10~+55°C
Storage temperature	-20~+75°C

3、Interface definition

3-1、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

3-2、Optional interface: TCP/IP/POE/WIFI



TCP/IP
Network communication is stable, wireless length limit

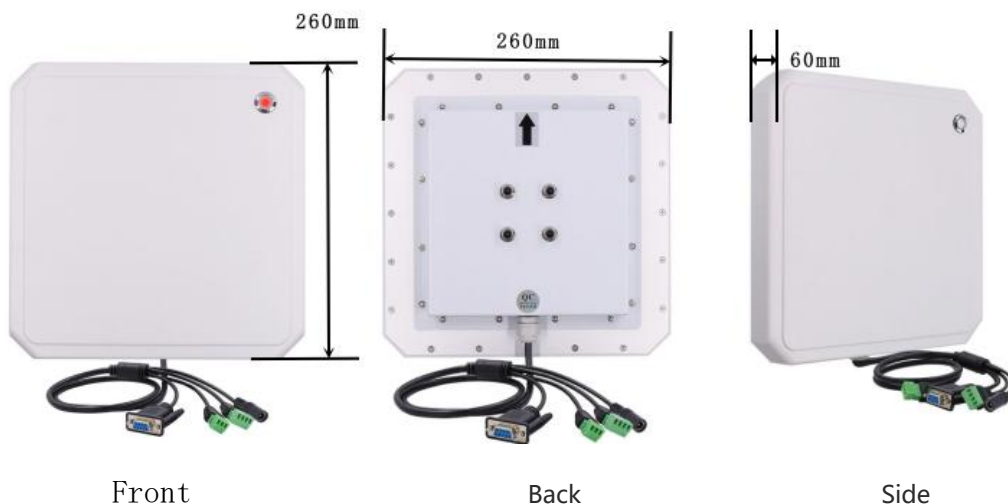


PoE Network cable power supply,
no wiring, plug and play

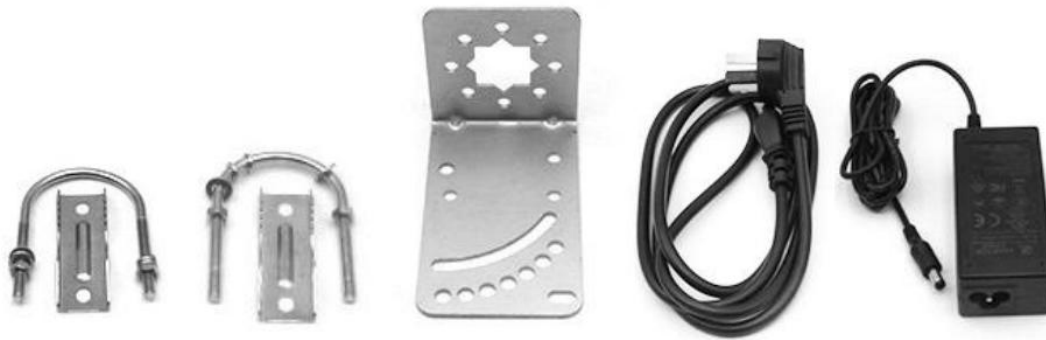


WIFI
Wireless communication, no need to wiring

4、Product picture



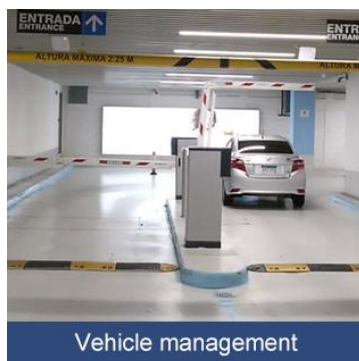
5、Product accessories: Bracket*1 set Plug+power adapter*1 set



6、PRIME series

CF661 Built-in 6dbi antenna Read distance:0~6M 190*190*30mm	CF691 Built-in 9dbi antenna Read distance 0~10M 260*260*60mm	CF6C1 Built-in 12dbi antenna Read distance:0~15M 445*445*80mm

7、Application





Production line management



Personnel management



Farm management