

FAST READER

UHF High performance reader

CF6C1G



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.

CF6C1G FAST UHF 12dbi 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
Support data group reading	Can output the data of EPC+TID+USER three areas at the same time
Support anti-collision	Up to 3 external antennas can be connected to read data without tag conflicts

2.Product parameters

CF6C1G FAST UHF 12dbi integrated reader	
Frequency	902~928MHz (US) /865~868MHz(EU)
Protocol	ISO18000-6C(EPC GEN2)
Built -in antenna	12dbi circular antenna
Chip	High performance chip
Operating mode	Active mode/Trigger mod/Answer mode (for optional)
Special function	Support password/mask function
RF power	Max 33dbm(adjustable)
Reading distance	0~25M (depends on tag and work environment)
Communication Interfac	Standard interface: RS232/WG26/Relay Optional interface: TCP/IP/POE/WIFI Customized interface: USB/TTL/RS485
Operating Voltage	9-24V (12V 2A power adapter)
Reader material	ABS shell, IP65 protection level
Reader Specifications	Size: 445*445*80mm / Weight: 3.5kg
Single packaging specification	Size: 630*500*130mm / Weight: 5kg
Standard box packaging specification	5pcs/carton: Size: : 63*53*60cm / Weight: 25.5KG
Operating temperature	-10~+55℃
Storage temperature	-20~+75℃

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



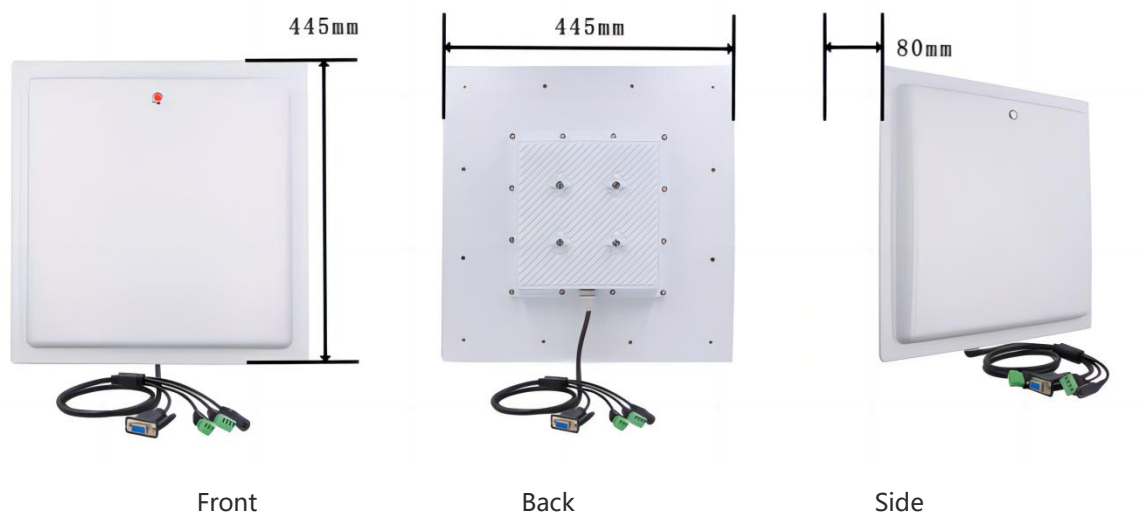
POE Network cable power supply, no wiring, plug and play



WIFI

Wireless communication, no need to wiring

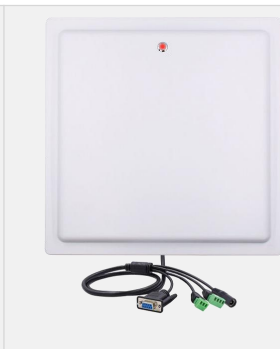
4、Product picture



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



6、FAST series

			
CF6A1G Built-in 9dbi antenna Read distance 0~15M 305*305*60mm	CF6C1G Built-in 12dbi antenna Read distance 0~20M 445*445*80mm	CF6A1E Built-in 9dbi antenna Read distance 0~20M 305*305*60mm	CF6C1E Built-in 12dbi antenna Read distance 0~25M 445*445*80mm

7、Application

