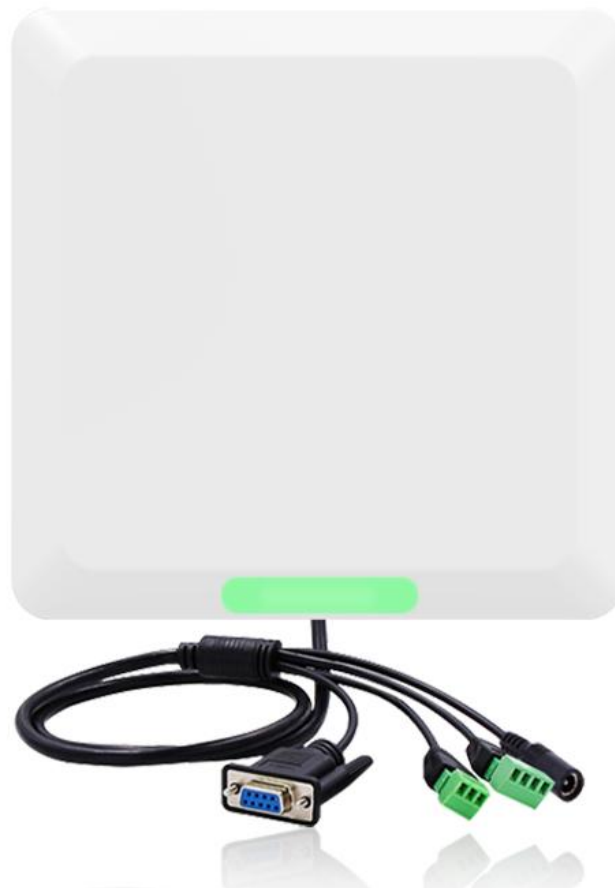


# PRIME UHF integrated reader

## CF661



### characteristic

- Support RSSI to identify tag signal distance
  - Support password/mask mode, high security
  - Relays can supply power and trigger external devices to work
  - Support multiple language development, including C#, Delphi, Java, Python, VB, etc.
  - Applications: vehicle management, asset anti-theft, weighing scales, animal management, personnel management, etc.
-

## Product Specifications

RFID Technical Parameters		Data Communication	
<b>Frequency</b>	902~928MHz (US) 865~868MHz (EU)	<b>Standard interface</b>	RS232, Wiegand, relay
<b>Protocol</b>	ISO18000-6C (EPC GEN2)	<b>Optional interface</b>	TCP/IP, POE, WIFI
<b>RF output power</b>	0dbm-26dbm(Adjustable )	<b>Customizable interface</b>	USB, TTL, RS485
<b>Built-in antenna</b>	6dBi	<b>Power supply</b>	12V 2A
<b>Polarization mode</b>	Circular polarization	<b>Card reading prompt tone</b>	Buzzer
<b>Reading distance</b>	0-6M	<b>Indicator light</b>	Strip light, red & green
<b>Special functions</b>	Support password/mask function	Development Environment	
<b>Working mode</b>	Active mode Trigger mode Answer mode	<b>SDK</b>	Demo software, API, examples, user manuals
<b>RSSI</b>	support	<b>Development language</b>	C#, Delphi, Java, Python, VB and other languages
Physical parameters		<b>Firmware version</b>	Support online upgrade
<b>Material</b>	ABS	Working environment	
<b>Color</b>	White	<b>IP protection level</b>	IP65
<b>Dimensions</b>	220*220*56.4mm	<b>Operating temperature</b>	-10~+55℃
<b>Net Weight</b>	0.95kg	<b>Storage temperature</b>	-20~+75℃

**Details display**

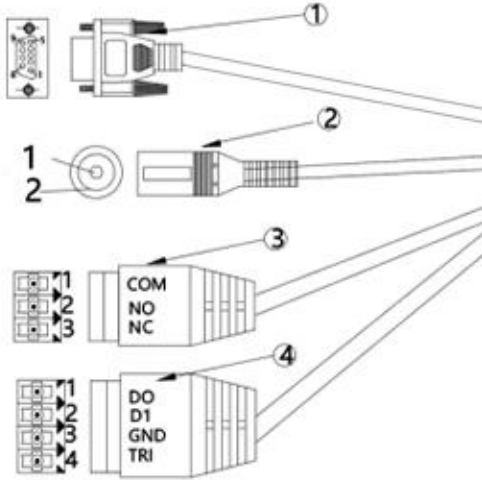


**RS232**

**Power**

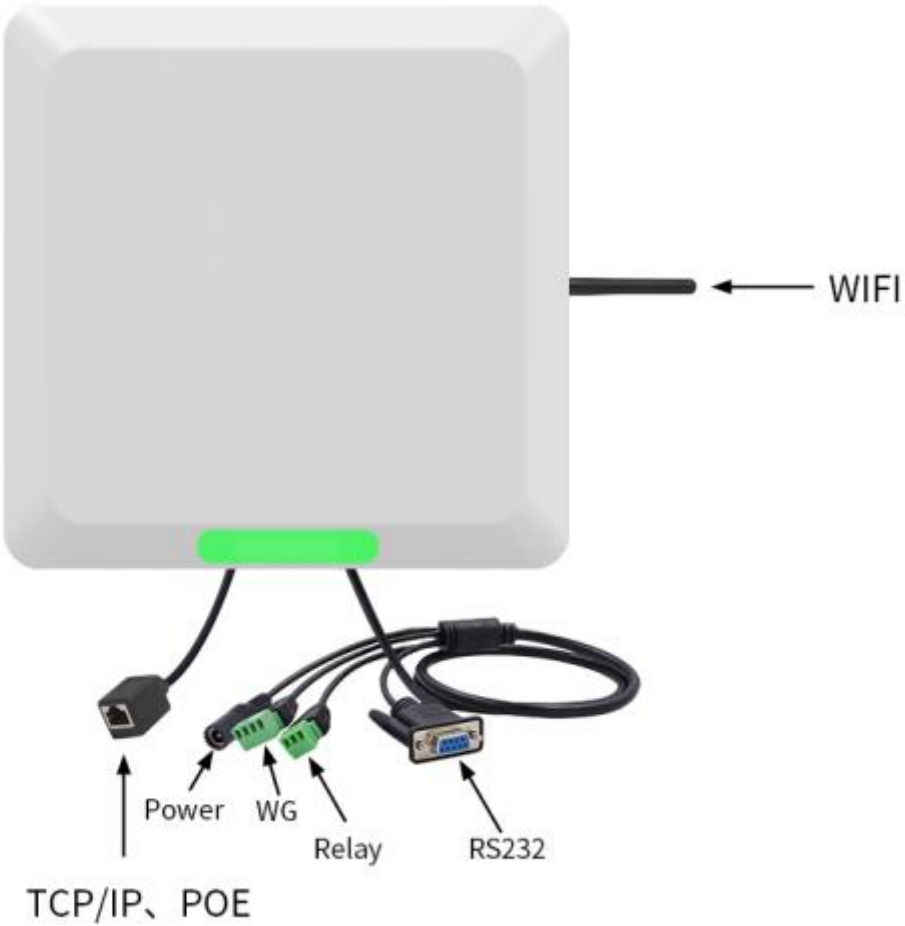
**Relay**

**WG**





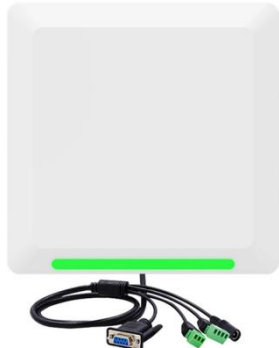
**Standard interface wiring definition**

DC Power Supply		RS232			Wiegand				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



<b>Model Definition</b>	
model	Interfaces
CF661	RS232, WG, relay, power port
CF662	RS232, WG, relay, power port, TCP/IP
CF663	RS232, WG, relay, power port, POE
CF664	RS232, WG, relay, power port, WIFI
CF665	RS232, WG, relay, power port, TCP/IP, WIFI

**Related Products**

Image			
Model	CF661	CF6A1	CF6D1
Output RF Power	0dbm ~26dbm (adjustable)		
Reading Range	0~6 meters (depends on antenna & tag & application environment)	0~10 meters (depends on antenna & tag & application environment)	0~15 meters (depends on antenna & tag & application environment)
Gain	6dBi	9dBi	12dBi
Polarization	Circular polarization	Circular polarization	Linear polarization
Dimensions	220*220*56.4mm	305*305*75mm	415*415*67mm