

EVEN READER

Industrial grade reader

CF821



Applied to industrial scenarios such as production line, sorting line, beat logistics, automated production line, mold management, auto parts and assembly line.

1、Product parameters

CF821 EVEN UHF Industrial Reader	
protocol standard	UHF EPC Gen2(ISO18000-6C)
frequency	902~928MHz(US)或 865~868MHz (EU)
RF output power	0-33dBm ±1dBm
Maximum receiving sensitivity	-75 decibels; maximum return loss: 10dbm
Reading distance	0~2m (related to card reader parameter configuration and tag type)
Write distance	0-1m (related to card reader parameter configuration and tag type)
antenna gain	Built-in 5dbi linear polarized ceramic antenna
Operating mode	Active mode, Command mode, Trigger mode
Communication Interface	RS232/RS485/RJ45/POE (optional)
Protocol	Modbus/ Profinet (Customized)
communication rate	Serial communication rate 9600~115200 bps RJ45 communication rate 10/100Mbps
Working status display	4 LED indicators (customizable buzzer)
GPI	1 set of input (support customized output)
firmware upgrade	support
Application software interface	VB、Python、Java、Delphi、c#
size	115*95*35mm
power supply	Working voltage DC 9~24V
weight	450g
humidity	5%-95%, non-condensing
degree of protection	IECIP67
Operating temperature	-20℃~65℃
Storage temperature	-40℃~85℃
interface	Round waterproof M12 pin female
certified	FCC certification, CE certification

2、Interface definition

Optional RS232/RS485/RJ45/POE communication interface

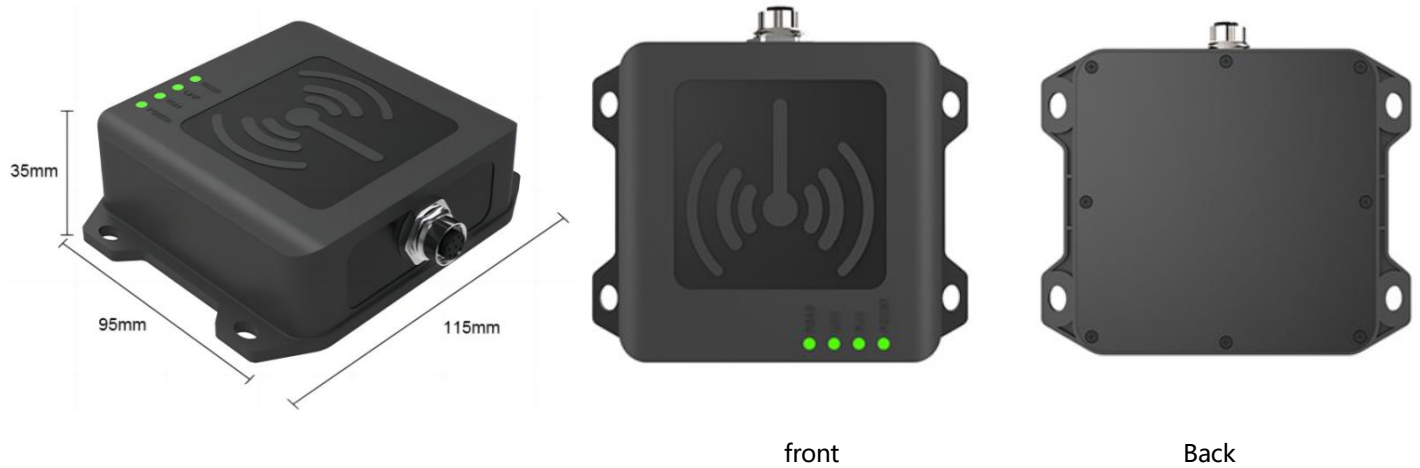


RS232/RS485 communication interface



RJ45/POE communication interface

3、product view



4、EVEN Industrial grade series

CF821 Built-in 5dbi ceramic antenna Reading distance 0~2 meters Size 115*95*35mm	CF823 Built-in 5dbi ceramic antenna Reading distance 0~4 meters Size 127.4*127.4*50.4mm

5、Application Scenario

Automobile production and assembly	Logistics sorting line	Mold production management
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