



## Ci-F286 2.4Ghz Android Active RFID Fixed Reader



Ci-F286 is newly invented active RFID reader build-in android platform with high performance, it is fixed RFID reader with more than 180m reading distance in open area, the build-in android os adapts reader for any application requirement. The reader is highly resistant to water and dust, IP66 rating suitable for tough environment.

### FEATURES

- ☑ ISM 2400-2480Mhz Working Frequency, Private Protocol
- ☑ Reading Radius 10-180m in Open Area, Range Adjustable by Software
- ☑ Build-in Cortex-A7, Android 7 Platform With Reliable and Expansive Performance, Suitable for Any Complex Applications
- ☑ Support RS-232, Ethernet, WIFI Communication Ports
- ☑ 4G Wireless Communication Optional
- ☑ Android, C# API Developing Kit Provided



## RF PARAMETER

<b>Working Frequency</b>	ISM 2.4-2.48GHz
<b>Rf Output Power</b>	Max +15dBm,step -2dB, software adjustable
<b>Receive Sensitivity</b>	-93dBm
<b>Antenna</b>	Build-in 12dBi antenna
<b>Firmware Upgrade</b>	Support TCP upgrading
<b>Application Software</b>	API in C++/C#, android

## TAG OPERATION

<b>Tag Protocol</b>	Private
<b>Reading Distance</b>	0-180m radius (antenna / tag type matters)
<b>Reading Speed</b>	300 pcs/s

## MECHANICAL & ELECTRICAL PERFORMANCE

<b>Dimension</b>	228* 228* 66mm
<b>Weight</b>	1.8 kg
<b>Power Supply</b>	DV 12V/3A
<b>Working Temperature</b>	-30°C ~ +70°C
<b>Storage Temperature</b>	-40°C ~ +80°C
<b>Humidity</b>	5%~95%( non-condensing)
<b>Ip Rating</b>	IP66
<b>Installation</b>	Pole mounting



## COMMUNICATION PARAMETER

<b>Communication Ports</b>	RS232, Ethernet
<b>Communication Ports(optional)</b>	RS485, Wiegand 26/34 (customizable)
<b>Wireless Function</b>	WIFI, 4G (optional)
<b>Gpio</b>	2 channel trigger (optical isolated) input (5V, <20mA); 2 channel relay output (30V, <1000mA)