



Ci-RI942 Long Range UHF integrated Reader



Ci-RI942 is an all-in-one UHF integrated Reader with build-in 12dBi gain antenna, it supports multi-interfaces, long reading distance, fast reading speed, high recognition and easy to installation. RI942 is used a lot in access control system like vehicle parking access control, intelligent weighing system etc.

APPLICATIONS

- None Stop Vehicle Access Control
- Intelligent Weighing System
- Warehouse Management
- Inventory Checking

FEATURES

- UHF Frequency Band, Support 866-868Mhz CE, 902-928Mhz FCC, Other Frequency Band Customizable
- All-in-One Design, With 12dBi Linear Antenna Build-In



- Support RS232, Ethernet, Wiegand26/34
- 4G Wireless Module Optional
- Self-Developed R2000 Chip Module, Reading Range 20m Adjustable

PARAMETERS

Operating Frequency	866-868Mhz EU, 902-928Mhz FCC, 920-925Mhz China, Other frequency band customizable
Protocol	ISO18000-6C (EPC Class1 Gen2)
Working Mode	FHSS/Fixed frequency
Antenna Gain	12dBi linear polarization
Rf Output	10dBm~33dBm (@1dBm per step)
Reading Range	0~20m (depends on antenna and tag type)
Writing Range	0~5m (depends on antenna and tag type)
Reading Speed	300pcs/s
Communication Port	RJ45 (Ethernet), RS232, Wiegand26/34 (optional)
Io Port	2 channel relay output, 1channel photoelectric isolation input
Power Supply	DC 12V/3A
Material	ABS
Dimension	445 *445 *48mm
Weight	2.7kg
Working Temperature	-20°C~65°C
Storage Temperature	-30°C~75°C
Humidity	5%~95% (non-condensing)
Waterproof	IP65