



Ci-RI265 Long Range Integrated Active RFID Reader



Ci-RI265 is integrated active reader with directional reading, reading range can reach 200m in open area, IP67 rating suitable for outdoor application, it is mainly used for vehicle access control, children tracking in park, personnel management etc.

FEATURES

- ☑ ISM 2400-2480Mhz Working Frequency, Private Protocol
- ☑ Reading Radius 3-200m in Open Area, Range Adjustable by Software
- ☑ Build-in 15dBi Antenna, All in One RFID Reader
- ☑ Support RS-232, Ethernet Communication Ports
- ☑ Support GPIO
- ☑ C#/C++ API Provided



RF PARAMETER

Working Frequency	ISM 2.4-2.48GHz
Rf Output Power	Max +15dBm,step -2dB, software adjustable
Receive Sensitivity	-93dBm
Antenna	Build-in 15dBi vertical polarized antenna
Antenna Parameter	Half power angle: Hor:45-Ver:45; Antenna front to back ratio \geq 18dB

COMMUNICATION PARAMETER

Data Ports	RS232, Ethernet
Data Ports(optional)	RS485, Wiegand 26/34(customizable)
Gpio(optional)	2 channel trigger(optical isolated) input (5V,<20mA); 2 channel relay output (30V,<1000mA)
Firmware Upgrade	Support RS 232 connection updating with specified software
Application Software	API in C++/C#

TAG PARAMETER

Tag Protocol	Private
Reading Distance	0-200m (tag type matters)
Reading Speed	300pcs/s



MECHANICAL & ELECTRICAL PERFORMANCE

Dimensions	320*200*75mm
Weight	1800g
Power Consumption	Standby 200mw, working 400mW
Working Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Humidity	5%~95%(non-condensing)
Ip Rating	IP67
Installation	Wall or pole mounting