



Ci-RI943 8dBi Rugged Integrated UHF RFID Reader



Ci-RI943 Integrated Rugged UHF RFID reader provides high performance uhf RFID Reading in tough and rugged environment, it's based on Impinj R2000 RFID chip, small in size but big in reading distance. The reader is highly resistant to water and dust, IP66 rating suitable for tough environment.

APPLICATIONS

- None Stop Vehicle Access Control
- Production Line Management
- Assets Tracking
- Warehouse Management
- Access Control System

FEATURES

- UHF Frequency Band, Support 866-868Mhz CE, 902-928Mhz FCC, Other Frequency Band Customizable



- All-in-One Design, With Antenna 8dBi Circular Polarization Antenna
- Support RS232, Ethernet, Wiegand26/34
- Self-Developed R2000 Chip Module, Reading Range 15m Adjustable
- Lightning and Surge Protection Design, Low/ High Temperature Tolerance (-40°C ~70°C), IP66 Rating, Suitable for Tough Environment
- Support Online Upgrading

PARAMETERS

Operating Frequency	866-868Mhz EU, 902-928Mhz FCC, 920-925Mhz China, Other frequency band customizable
Working Protocol	EPC C1 GEN2 (ISO18000-6C)
Working Mode	FHSS/Fixed frequency
Rf Output Power	15dBm ~ 33dBm (@1dBm per step)
Antenna Gain	8dBi, circular polarization
Communication Interface	RJ45 (Ethernet), RS232, RS485, Wiegand26/34)
Gpio	2 channel relay output, 1 channel photoelectric isolation input
Reading Distance	0 ~ 12m (depends on antenna and tag as well)
Writing Distance	0 ~ 3m
Working Voltage	DC 12V/3A
Dimensions	228* 228* 66mm
Weight	1.5 kg
Material	ABS
Operating Temperature	-40°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Humidity	5% ~ 95% (non-condensing)
Waterproof	IP66