Cirfid Technology
We are committed to develop IOT&RFID technologies products.
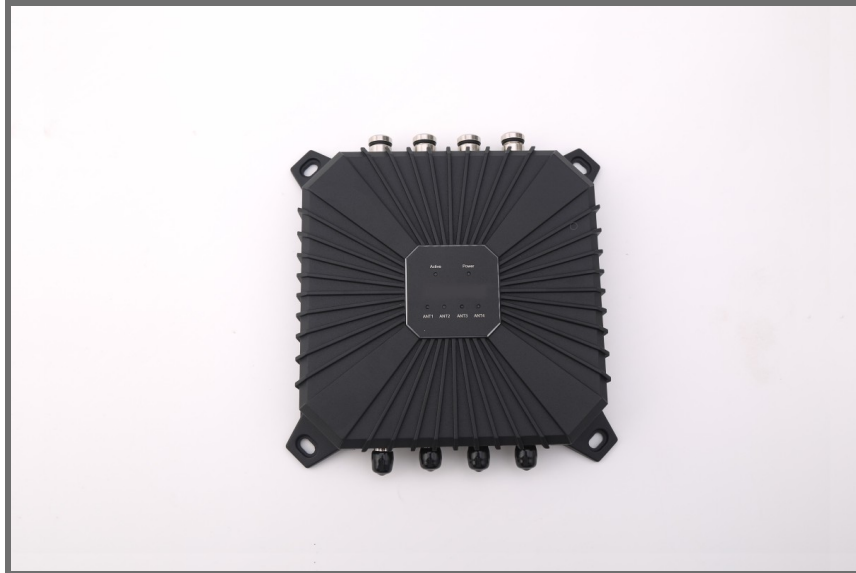Email: info@cirfid.com   Tel: 0086 75527749601

Ci-RF946 Four-port Fixed UHF RFID Reader

Ci-RF946 is an industrial four-port UHF RFID Reader, compatible with EPC C1 GEN2 protocol RFID tags, support dense read mode(DRM), super anti-collision function, IP 67 protection rating with industrial degree, idea for harsh environment application.

APPLICATIONS

☑ Production Line Management

☑ Asset Tracking

☑ Warehouse Management

☑ Container Management

FEATURES

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

☑ Industrial Design, Red Dot Design Award, IP67 Protection Rating

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☑ One-Piece Die-Casting, Excellent Heat Dissipation, Reliable Performance

☑ 4-TNC RF Connectors

☑ Self-Developed R2000 Chip Module, Reading Range 20m Adjustable

☑ Support RJ45, RS232/RS485, GPIO

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 Port	4 TNC connector
Rf Output	10dBm~33dBm (@1dBm per step)
Reading Range	0~20m (depends on antenna and tag type)
Writing Range	0~3m (depends on antenna and tag type)
Reading Speed	300pcs/s
Communication Port	RJ45 (Ethernet), RS232/RS485
Io Port	2 channel relay output, 1channel photoelectric isolation input
Power Supply	DC 12V/3A
Material	Aluminum alloy
Dimension	186 *186 *34mm
Weight	865g
Working Temperature	-20℃~65℃
Storage Temperature	-30℃~75℃
Humidity	5%~95% (non-condensing)
Waterproof	IP67