



Ci-RM4 4 Ports UHF RFID Module



Ci-RM4 is a high-performance, 4-antenna-port, UHF RFID Reader module supporting ISO18000-6C (EPC Class1 GEN2) Protocol. Designed with Impinj R2000 RFID chip. Supported by a suite of software, hardware, and antennas that deliver application and deployment flexibility, making installation and expansion easier than ever.

FEATURES

- ☑ ISO18000-6C (EPC Class1 GEN2) Protocol
- ☑ Impinj R2000 RFID Chip, Super Anti-Collision Function
- ☑ UART TTL Communication Port
- ☑ 15PIN 1.25mm Connector
- ☑ 4 SMA-Female Ports
- ☑ C#, Java, Android SDK Available



PARAMETERS

| | |
|----------------------------|---|
| Operating Frequency | 902-928MHz, 865-868MHz, RF band customized (optional) |
| Protocol | ISO18000-6C (EPC Class1 Gen2) |
| Modulation | DSB-ASK, PR-ASK |
| Antenna Port | 4 SMA-Female |
| Rf Output | 0dBm~ 33dBm @50Ω load, 1dBm each step |
| Reading Range | 0~15m (depends on antenna and tag type) |
| Writing Range | 0~5m (depends on antenna and tag type) |
| Reading Speed | 300pcs/s |
| Communication Port | UART TTL |
| Io Port | 5 GPIO |
| Power Supply | 5V DC(5V~17V DC) |
| Power Consumption | 4A/5V@30dBm reading state |
| Dimension | 68 *53 *7.5mm |
| Weight | 120g |
| Working Temperature | -20°C~ 65°C |
| Storage Temperature | -40°C~ 80°C |