



Ci-RM8 8Ports UHF RFID Module



Ci-RM8 is an 8-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
- ☑ 8 SMA Ports, Connect 8 Antennas Outside
- ☑ 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	8 SMA-Female, connect 8 antennas outside
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	5GPIO
Power Supply	12V DC(5V~17V DC)
Power Consumption	4A/5V@30dBm reading state
Dimension	93 *80 *7.5mm
Weight	180g
Working Temperature	-20°C~65°C
Storage Temperature	-40°C~80°C