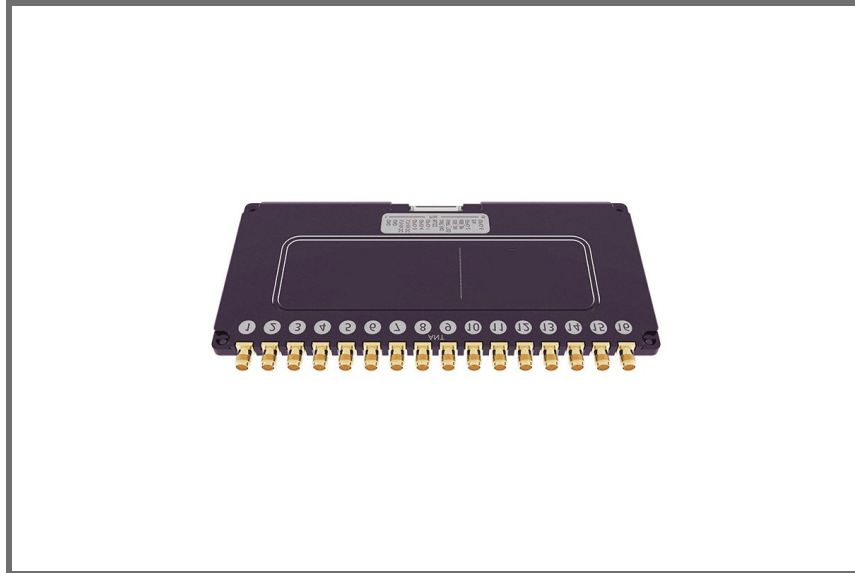




Ci-RM16 16 Ports UHF RFID Module



Ci-RM16 is a high-performance, 16 ports UHF RFID Reader module that expands the number of antennas by 16 per port, with IMPINJ R2000 RF chips, super anti-collision function. Expands the number of antennas connected to the same reader by a factor of 16. 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
- SMA Ports, Connect 16 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	16 SMA-Female, connect 16 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	500pcs/s
Communication Port	UART TTL
Io Port	5 GPIO
Power Supply	12V DC(5V~17V DC)
Power Consumption	4A/5V@30dBm reading state
Dimension	178 *80 *7.5mm
Weight	200g
Working Temperature	-20°C~65°C
Storage Temperature	-40°C~80°C