



MR-00LR-915-SXH



Micro ID 915 long range reader designed for read/write ISO18000-6B and ISO18000-6C (EPC Class1 Gen2) tags. The reader is reliable and expandability which widely use in logistics control, transportation management, asset management and production line management. 915 long range reader provides multiple communication interface like RS232 and wiegand cater for different application environment.

915 Long Range Reader

Performance Index	
Operating Frequency	919MHz - 923MHz, RF band customized (optional)
Frequency Hopping	FHSS or Fixed Frequency
Power Output	0dBm ~ 30dBm, able to set from software
Antenna	Built-in 12dBi linear polarization antenna (horizontal/vertical customized)
Communication Interfaces	RS-232, Wiegand 26/34
Expanding Interfaces	RS-485, 10M/100M Ethernet interfaces
Maximum Cable Distance to Host	10 – 30 meters (Subject to site condition and cable resistance)
Tag Operation	
Tag Protocol	ISO18000-6B, EPC Class 1 Gen 2(ISO18000-6C)
Reading Range	1~ 8m
Mechanical/Electric Performance	
Waterproof	IP55
Power	DC 12V
Power Assumption	Not more than 4W
Dimension	445*445*55mm
Operating Temperature	-10°C ~ +60°C
Storage Temperature	-20°C ~ +75°C
Humidity	20%~95% (non-condensing)

915 Long Range Card

Model	MID-001 UHF Card	MID-002 UHF Paper Tag	MID-003 UHF On-Metal Tag
Picture			
Frequency	860 Mhz to 960 Mhz		
Read Range	1 to 5 meters or more		1 to 8 meters or more
Transmission	Passive		
Protocol	ISO 18000-6B or ISO 18000-6C EPC Class 1 Gen 2	ISO 18000-6C EPC Class 1 Gen 2	
Dimension	86 x 54 x 0.8 mm	110 x 45 mm	224 x 23 12 mm
Data Retention Time	Data can be saved for 10 years		
Work Temperature	-40 to 65 °C		
Storage Temperature	-55 to 85 °C		
Stock Code	MC-00LR-915-001	MC-00LR-915-002	MC-00LR-915-003