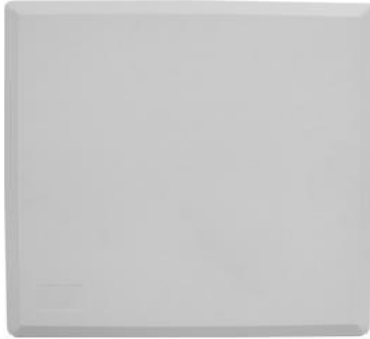


RFID Long Range Reader

BMR4000T



BMR4000T rugged RFID UHF integrated antenna long range reader with built in 12dBi antenna, reading up to 20m, widely applied in intelligent transportation, customs access management, warehouse logistics, and parking.

Functions

- UHF (860-920MHz) band, equipped with 12 dBi antenna
- Support standard RS-232, Wiegand interface, Ethernet
- Multi-group I/O ports, controlling the functional mode of the reader/writer
- Order-trigger, set time-trigger and out-trigger suitable for customer's applications
- Reader designed for high durability in tough environment (IP65)
- Strong API user interface

Tag Operation

- Support EPC GEN2 (ISO 18000-6) and ISO 18000-6B tag protocol
- Support filtering on tags, to eliminate redundant tag data and reduce the load of network and host computer

Communications

- RS-485, Wiegand and TCP/IP communication interfaces



ENGINEERED PARKING SYSTEMS

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Performance Index

Operating Frequency	860MHz - 920MHz, frequency band adjustable
Frequency Hopping	FHSS or Fixed Frequency
Power Output	+20dBm ~ +30dBm@50Ω load, 1dBm each step
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
I/O Interfaces	2-channel Relay Output, 2-channel Trigger Input, 2-channel level Output
Software Platform	API(C++, C#) development kit (can be customized)
Tag Operation	
Tag Protocol	ISO18000-6B, EPC Class 1 Gen 2(ISO18000-6C)
Reading Range	0~20m
Writing Range	0~5m
Mechanical/Electric Performance	
Waterproof	IP65
Indicator	Buzzer and LED(Power, Antenna, Reading/Writing)
Power	DC 12V
Power Assumption	2W(Standby), 10W(Working)
Product Dimension	400 * 400 * 85mm (LxWxH) 16"x16"x3"
Net Weight	3.5kg
Operating Temperature	40°C ~ +75°C
Storage Temperature	-60°C ~ +80°C
Humidity	5%~ 95%(non-condensing)



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