ZS06MB

Integrated UHF RFID Reader



Model: ZS06MB | Protocol: ISO 18000-6C/E1G2 | Read Range: 0–12m

0–12 m Read Range	33dBm High Power	400 Tags/s Fast Reading	Multi-Protocol Support

1. Basic Parameters

Model	ZS06MB
Product Name	Integrated UHF RFID Reader
Color	White
Overall Dimensions	133×133×52mm
Weight	0.75kg
Housing Material	Engineering plastic + aluminum

2. RF Performance Parameters

Frequency Range	920–925MHz; 902–928 MHz; 865–868MHz
Air Interface Protocol	ISO18000-6C/E1G2;GB/T 29768 and GJB 7377.1 protocols supported (Customizable)
Port Output Power	33dBm±1dB (MAX)
Maximum Receive Sensitivity	−75dBm
Antenna Gain	6dBi circularly polarized antenna
Frequency Hopping Mode	Wide-spectrum frequency hopping (FHSS) or fixed frequency, software configurable

3. Read/Write Performance

Continuous Tag Read Distance	0–12m, success rate>95% over 100 consecutive reads (interference-free environment)
Continuous Tag Write Distance	0–5m, success rate>90% over 100 consecutive writes
Tag Read Rate	400 tags/s
Multi-Tag Processing Capability	600 tags /3s

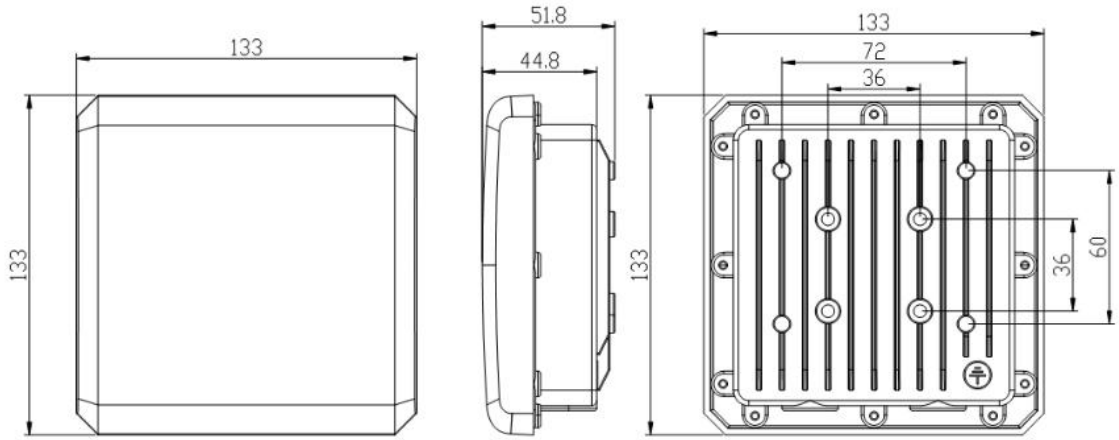
4. Interfaces and Communication

Communication Interface	RS232, RJ45(Ethernet)
RS-232 Baud Rate	9600/19200/115200(default)/460800 Selectable
Ethernet Speed	10M/100M auto-negotiation
Working Status Indicator	LED indicator (above the RJ45 port)+buzzer

5. Electrical Parameters

Operating Voltage	DC 9–24 V

6. Product Dimensions and Packing List



Standard Accessories	Power adapter × 1, mounting bracket × 1, Ethernet cable, test card, certificate of conformity
Optional Accessories	Universal wall-mount bracket, pole-mount bracket

7. Technical Support and Development

SDK	API SDK provided, supporting C#, C++, Java, Python, Swift, Android and more
Free Upgrades	Free product software upgrades and free training for various application scenarios