



JT-8290

UHF RFID Long Range Integrated Reader

JT-8290 is a new generation of UHF reader developed by our company. RFID tags for reading and writing ISO 18000-6C (EPC C1 GEN2). The reader has the characteristics of superior performance, convenient use, wide application, safety, reliability, stability and practicality. Provide SDK suitable for specific applications, which is convenient for users to carry out secondary development. And it integrates network interface or 4 GPRS, with management software and database, it can be conveniently and quickly applied to warehousing logistics, vehicle management, industrial production line management, material management, identity identification, access control and other fields.

- **Support serial online upgrade**
- **Support MQTT protocol**

SPECIFICATION

RFID Parameter

Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	ISO18000-6C/EPC C1G2
Antenna	12dBi linear polarized antenna (built-in)
RF power	0~30dBm±1dBm
Read range	0~30m (relate to tag and environment)
Work mode	Master-slave, timing, trigger mode
Baud rate	115200 bps (default)
GPIO	1 trigger input or 2 relay outputs (customized)
Special	Warming function in extremely cold regions
Notification	LED indicator, buzzer
Power supply	DC 12-24V/3A
Peak current	500mA
Industrial lightning protection	6000V high voltage lightning protection
SDK	Demo&C++,C#,JAVA,Android SDK

Use Environment

Operating Temp.	-40° C~+75° C
Storage Temp.	-40° C ~+85° C
Humidity	5-90% non-condensing (+25° C)

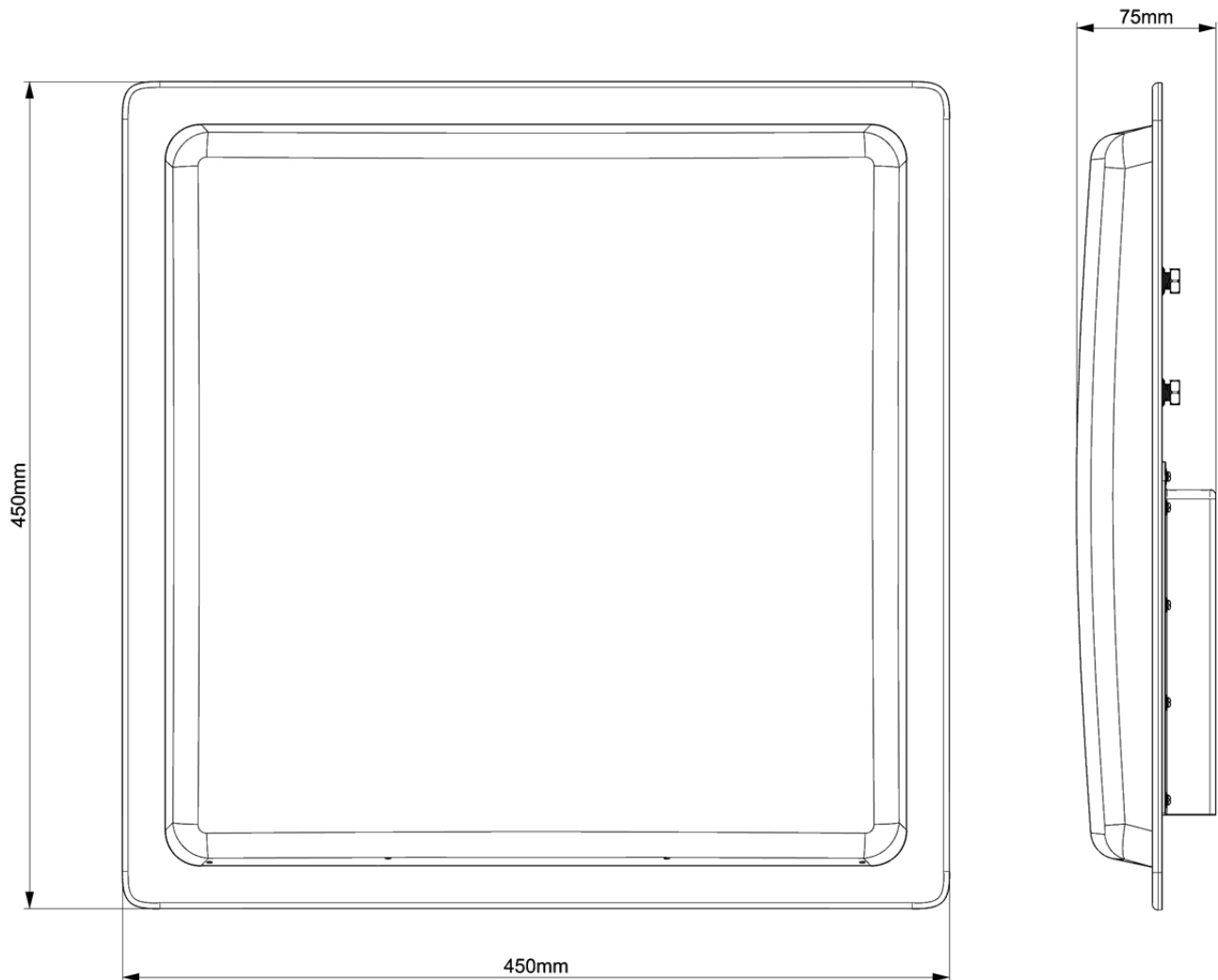
Physical Parameters

Shell material	ABS & aluminum alloy
Dimensions	450(L)*450(W)*50(H)mm
Net weight	2.15kg
Pack size	60*48*11cm
Gross weight	4.5kg

Model type

JT-8290A	RS232,RS485,WG(26/32/34/66)
JT-8290B	RS232,TCP/IP,WG(26/32/34/66)
JT-8290G	RS232,4 GPRS,WG(26/32/34/66)

DIMENSIONS



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