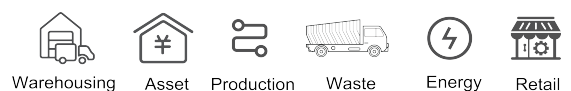




Date:2026/4/29



JT-9292



UHF RFID Long Range Integrated Reader

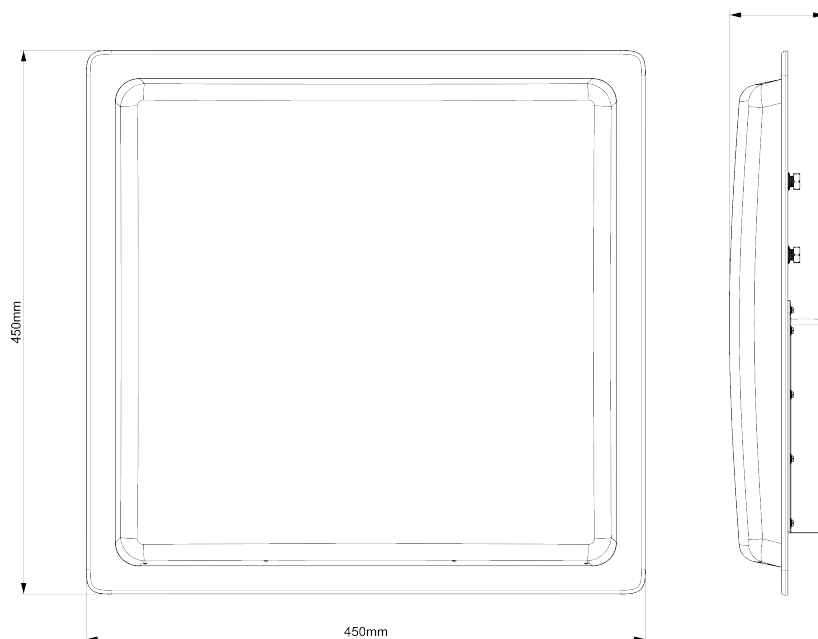
JT-9292 is a high-performance single-port integrated RFID reader. Using self-developed high-performance RFID modules based on TM200 or Impinj E710 chips, and working together with integrated awesome 12dBi linear polarized antenna. The reader supports RS232,TCP/IP,Wi-Fi communication interfaces. The whole series of products have a unified protocol and SDK. You only need to develop our products once to connect with all our RFID readers.JT-9292 is applicable widely in warehousing, archives management, library management, banking, production line management and other fields.

- **Support RS232,TCP/IP,WiFi remote online firmware upgrade**
- **Support MQTT protocol**

SPECIFICATIONS

RFID PARAMETER	
Frequency	US:902-928 MHz EU:865-868 MHz
Protocol	ISO18000-6C EPC C1 Gen2
Chip	TM200(standard) Impinj E710 chip(optional)
Reading rate	>700 times/sec >900 times/sec
RF power	13-33dBm(adjustable) 0-33dBm(adjustable)
Antenna	12dBi linear polarized antenna (built-in)
RSSI	Supported
Consumption	Average power consumption<9W
Reading range	Stable reading,US band:0-25m; EU band:0-20m. Max up to 30m(related to tag and environment)
GPIO	2 trigger input or 2 relay outputs (customized)
Notification	LED indicator,buzzer
Baud rate	115200 bps (default)
Operate voltage	9-36V
Operate current	0.65A@30dBm,25° C 1.3A@30dBm,25° C
Power adapter	DC 12V/3A
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.	-45° C~+80° 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-9292B	RS232,TCP/IP(PoE optional)
JT-9292W	RS232,TCP/IP,WiFi

DIMENSIONS



APPLICATION



Mine Management



Vehicle Management

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