



JT-7100

UHF RFID Industrial Grade Reader

The appearance of JT-7100 adopts industrial design, which is durable and conforms to the harsh industrial production line environment, and the protection level reaches IP66. The radio frequency uses independent intellectual property rights to develop chips and is equipped with high-performance tag recognition algorithms. Support industrial MODBUS, PROFINET, CAN bus protocol. The software intelligently monitors the working status, 24 hours x 365 days without crashing. The bottom cover is designed to install iron sheets, which is convenient for the installation of readers in industrial production line environments. Small in size and light in weight, it is convenient for the integration of industrial production line equipment.

SPECIFICATION

RFID Parameters

Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	ISO18000-6C/EPC C1G2
Antenna	3dBi circularly polarized antenna (built-in)
RF power	12-26±1dBm
FM mode	FHSS or fixed frequency, set by the software
Power supply	DC 9~36V/1A;Industrial grade wide voltage
Read range	0~2m(related to tag and environment)
Industrial protocol support	ModbusTCP,ModbusRTU,Profinet,CANbus
Notification	LED indicator,buzzer
Protection grade	IP65
Industrial lightning protection	6000V high voltage lightning protection
SDK	Demo&C#,C++,JAVA,Android SDK

Use Environment

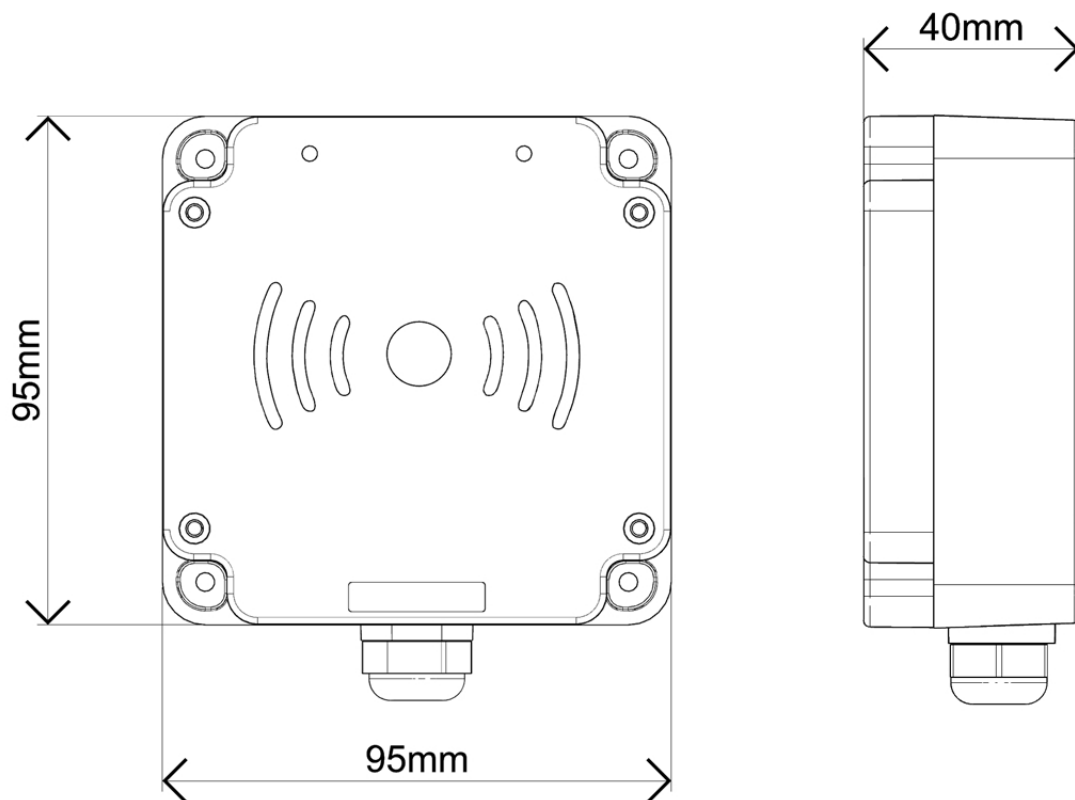
Operating Temp.	-30° C ~+75° C
Storage Temp.	-40° C ~+85° C
Humidity	5-90% non-condensing (+25° C)

Physical Parameters

Shell material	ABS
Dimensions	95(L)*95 (W)*40(H)mm
Net weight	320g
Pack size	250*200*70mm
Gross weight	0.8kg

JT-7100A	RS232
JT-7100B	TCP/IP(PoE optional)
JT-7100C	RS485
JT-M7100B	MODBUS TCP/IP
JT-M7100C	RS485 MODBUS RTU
JT-P7100B	Profinet TCP/IP
JT-C7100	CAN bus 2.0

DIMENSIONS



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