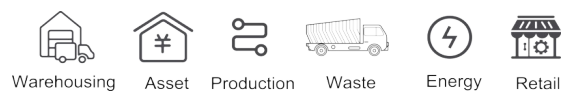




JT-7100



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 hoursx365 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.

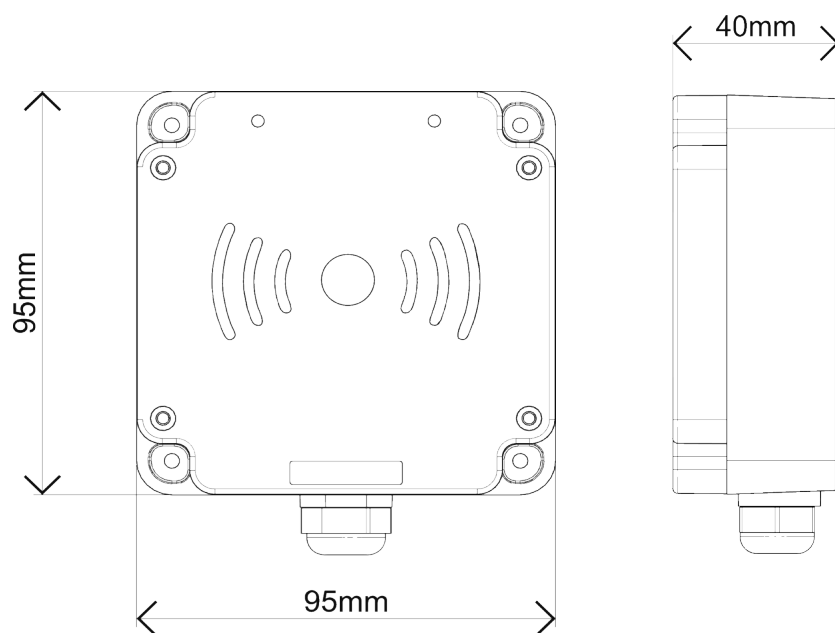
● **Support serial online upgrade**

● **Support MQTT protocol**

SPECIFICATIONS

RFID PARAMETERS	
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	ISO18000-6C/EPC C1 Gen2
Antenna	3dBi circularly polarized antenna (built-in)
RF power	13~32±1dBm(adjustable)
Reading rate	>700 times/sec
FM mode	FHSS or fixed frequency, set by the software
Power supply	DC 9~36V/1A;Industrial grade wide voltage
Read range	0~3m(relate 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
MODEL TYPE	
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

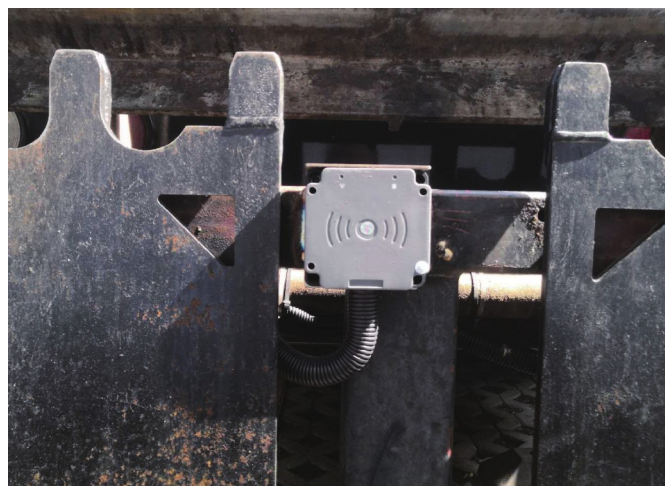
DIMENSIONS



APPLICATION



Railway Management



Vehicle Management