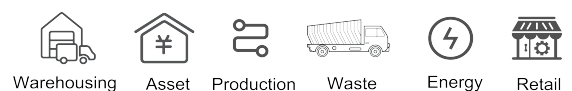




JT-8280A



UHF RFID Middle Range Integrated Reader

The JT-8280A is our newly developed next-generation UHF RFID reader, engineered to read and write ISO 18000-6C (EPC C1 GEN2) compliant RFID tags.

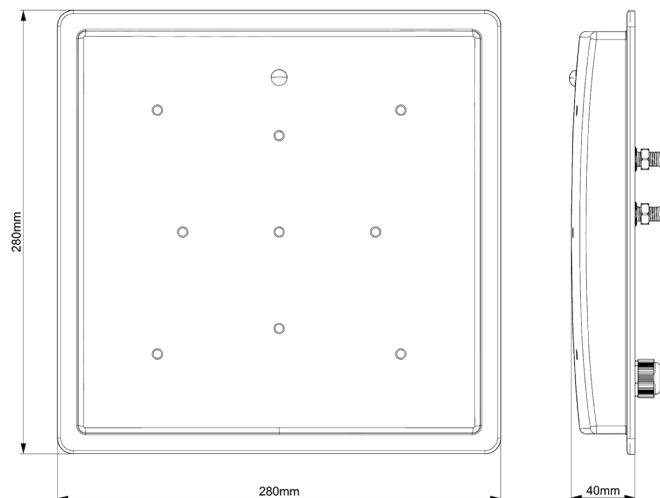
Boasting outstanding overall performance, user-friendly operation, broad compatibility, robust safety, high reliability, stable operation and strong practicability, this reader comes with dedicated SDK packages tailored for diverse custom scenarios to facilitate customers' secondary development.

Equipped with an integrated network port, and supported by matching management software and database systems, the JT-8280A enables fast, seamless deployment across a wide range of applications, including warehouse & logistics management, vehicle tracking, industrial assembly line monitoring, inventory/material control, personnel identity verification, access control systems and more.

SPECIFICATIONS

RFID PARAMETER	
Frequency	EU:865-868 MHz US:902-928 MHz
Protocol	ISO18000-6C/EPC C1 Gen2
Antenna	8dBi circularly polarized antenna (built-in)
RF power	0~30dBm±1dBm
Read range	0~5m (relate to tag and environment)
Work mode	Master-slave, timing,trigger mode
Baud rate	115200 bps (default)
I/O	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	220(L)*220(W)*60(H)mm
Net weight	660g
MODEL TYPE	
JT-8280A	RS232,RS485,WG(26/32/34/66)

DIMENSIONS



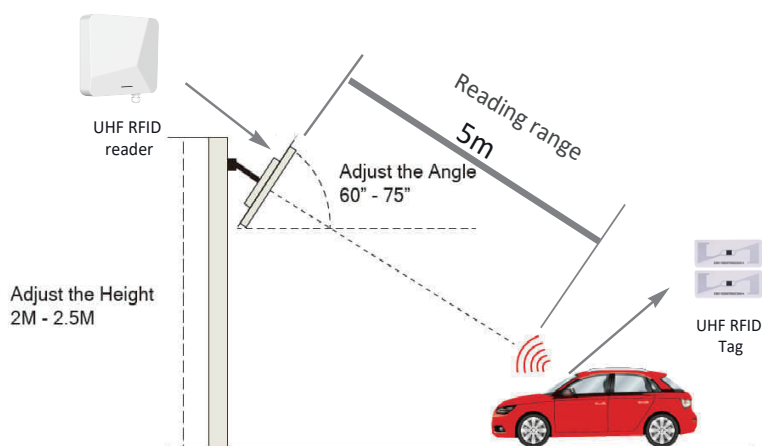
I/O DEFINITION

Wire	Color
Power	RED
GND	Black
485A+	Brown
485B-	Orange
WG DATA0	Yellow
WG DATA1	Grey
Trigger T+	Rose red
Trigger T-	Black
232 RXD	Purple
232 TXD	White
GND	Black

APPLICATION



Waste Management



Vehicle Management

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