TMT Global
TECHNOLOGY FZE

UHF LONG
RANGE READER

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TMT Global long range Integrated Reader widely applied in intelligent transportation, customs access management, warehouse logistics.

Applications
- ☐ Vehicle parking, intelligent weighing
- ☐ Warehouse, logistics management
- ☐ Asset management
- ☐ Production line management

Functions
- ☐ UHF (860-868MHz) band, equipped with 12 DBI antenna
- ☐ Support standard RS-232, Wigand interface
- ☐ Multi-group I/O ports, controlling the functional mode of the reader/writer
- ☐ Order-trigger, set time-trigger and out-trigger suitable for customer's applications
- ☐ Upgrade firmware by serial port online
- ☐ Strong API user interface

Performance Index	
Operating Frequency	860-868MHz, RF band customized (optional)
Frequency Hopping	FHSS or Fixed Frequency
Power Output	+20dBm ~ +30dBm@50Ω load, 1dBm each step
Antenna	Built-in 12dBi linear polarization antenna (horizontal/vertical customized)
Communication Interfaces	RS-232, Wiegand 26/34
Optional Interfaces	RS-485, 802.11 WIFI Module and 10M/100M Ethernet interfaces
I/O Interfaces	2-channel Relay Output, 2-channel Trigger Input, 2-channel level Output (optional)
Firmware Update	Firmware Upgrade
Application Software Platform	API(C++, C#) development kit (can be customized)
Tag Operation	
Tag Protocol	ISO18000-6B, EPC Class 1 Gen 2(ISO18000-6C)
Reading Range	0~15m
Writing Range	0~5m
Mechanical/Electric Performance	
IP Rating	IP66
Indicator	Buzzer and LED(Power, Antenna, Reading/Writing)
Power	DC 12V
Power Assumption	2W(Standby), 10W(Working)
Product Dimension	445mm x 445mm x 78mm (LxWxH)
Package Dimension	600mm x 500mm x 110mm (LxWxH)
Net Weight	3.5kg
Gross Weight	6.23kg
Operating Temperature	-40°C ~ +60°C
Storage Temperature	-60°C ~ +80°C
Humidity	5%～95%(non-condensing)

ORDER INFORMATION	
Model No	**Description**
TMT-7641	LONG RANGE UHF READER UP TO 15M RANGE

3 YEAR WARRANTY