



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, Wiegand 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

