

UHF RFID (IMPINJ E710) Integrated Reader

TW-UR710



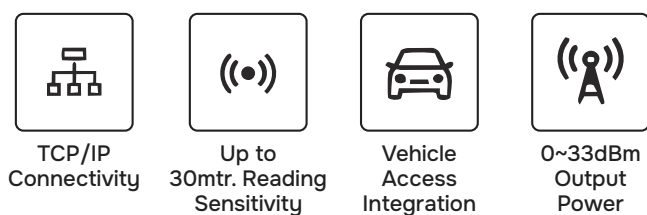
TW-UR710 is a long range, all in one UHF RFID reader with a built in circular polarized antenna. It reads tags from up to **30 metres** away and captures approx **950 tags per second**, so it suits vehicle identification at gates and parking entries. It connects over RS-232 & Wiegand TCP/IP which lets it plug straight into access controllers and existing Wiegand systems.

Key features

- Self-intellectual property
- **Designed with IMPINJ E710 and support ISO18000-6C(EPC C1G2) protocol tag, featuring excellent multi-tag anti-collision functionality**
- **Capture approx 950 tag per second**
- **Up to 30m reader range**
- 865~868MHz/902~928MHz frequency band
- FHSS or Fix Frequency transmission
- RF output power up to 33dbm(adjustable)
- Circularly polarized antenna
- Supports multiple working modes such as active mode and answer mode
- Support RSSI

- Supports interfaces such as RS232, RS485, Wiegand, TCP/IP, with optional Wi-Fi/BT, USB, 4G.
- High reliability design, meet the requirements of harsh working environment
- Support on-the-site firmware upgrading.

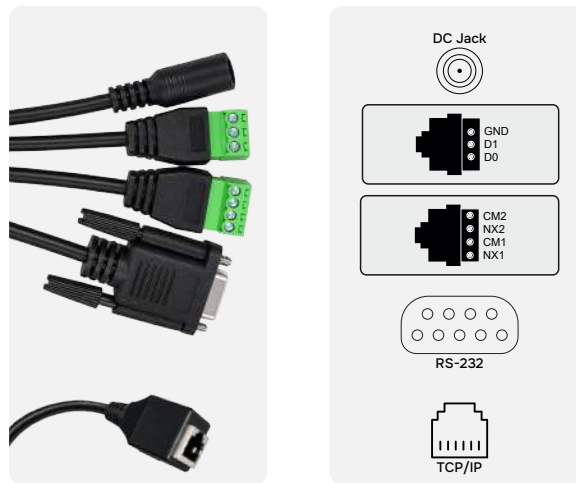
Features



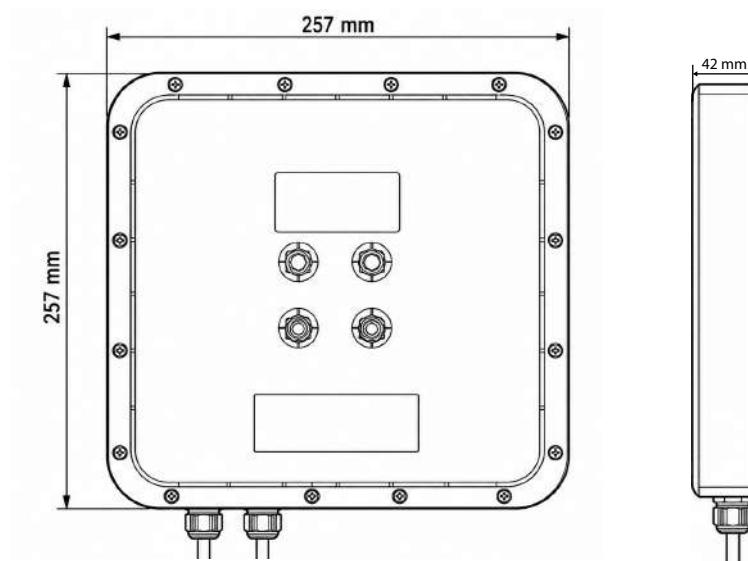
Technical Specification

Frequency	865~868MHz/902~928MHz frequency band
Protocol	EPC C1 Gen 2 (18000-6C)
Antenna	Circular polarization
Output power	Up to 33 dBm
Receiver Sensitivity	-87 dBm
Reading range	Up to 30 m
Inventory speed	Approx 950 tags/second
Interfaces	RS232, RS485, Wiegand, & TCP/IP (Wi-Fi, BT, USB, 4G - Optional)
Power supply	26V DC
Current	Standby 80 mA, 1180 mA at 33 dBm
Operating temperature	-20°C to +60°C
Storage temperature	-20°C to +70°C
Dimensions	278.5 × 257 × 52 mm

Wiring Instructions



Dimension Drawing



Application



Tolling



Parking



Logistics



Warehousing



Retail



Transportation

Disclaimer : All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.