



Ultra High Frequency Reader (UHF Reader)

TW-UR12/12T

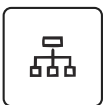


TW-UR12/12T is an out door IP68-rated long-range UHF card reader designed specifically for UHF Card and Tag (Gen2)

With its 12 meter read-range, TW-UR12/12T provides users convenient RFID authentication for many applications including door access, vehicular gate access and any application in which the user no longer needs to have their RFID credential held in close range to the RFID reader.

TW-UR12/12T has a built-in Wiegand-Out port for control panel connectivity.

Features



TCP/IP
Connectivity
(TW-UR12T)



Up to 12mtr.
Reading
Sensitivity



Vehicle
Access
Integration

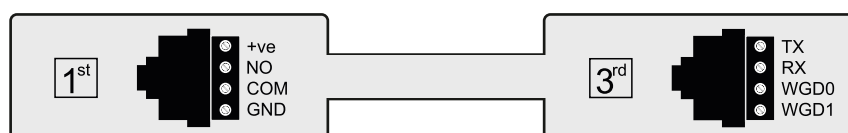


0~30dBm
Frequency
Power

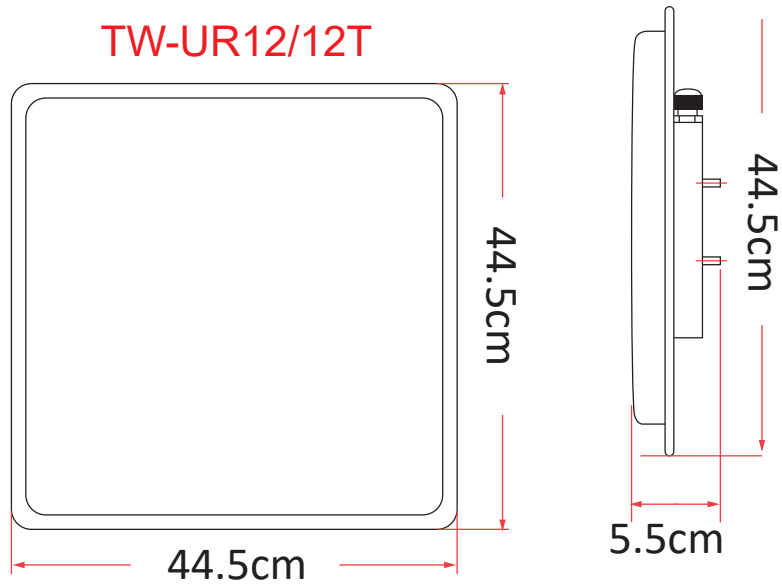
Technical Specification

Working Frequency	Indian standard (865~867MHz), American standard (902~928MHz), European Standard (865~868MHz) or customize other frequency
Support Protocol	ISO18000-6B, ISO18000-6C(EPC GEN2)
Frequency Hopping	FHSS or fixed frequency set by software
Communication	Wiegand & RS-232, RS-485 (Optional), [TCP/IP (TW-UR12T)]
Working Way	Automatically reading card at regular time, can set reading card way
Frequency Power	Up to 30dBm, adjustable by software
Reading Range	Up to 12 meter
Reading Speed	Dual polarization reading
Tag Type	Passive UHF RFID Tag (Gen2 UHF)
Antenna	Built-in linear Polarization antenna.
Multi Tag Reading	Support Anti Collision for multiple tag
Integration	Inbuilt relay for Boom Barrier integration
Working Voltage	9V to 12V DC
Working Status Indication	Buzzer, LED
Power	1W
Working Temperature	-20 ~80°C
Storage Temperature	-40 ~125°C
Working Humidity	20%~95%(No condensing)
Protection Rating	IP68 (Outdoor Use)
Mounting	Pole Mount / Wall Mount
Housing Material	Rugged, Weatherproof enclosure

Wiring Diagram



Dimension Drawing



Application



Parking



Logistics



Warehousing



Retail



Transportation



Tolling



Defense



Hospital



Airports