

Latest Demo Ver : 3.3.0.2

UHF 920-925MHz

RFID Long range reader



TW-UHF5



TW-UHF12/12T

UHF Reader

TW-UHF5 / TW-UHF12/12T

TW-UHF5 and TW-UHF12/12T is an out door IP66-rated long-range 920-925MHz proximity card reader designed specifically for S4A-access proximity cards and stickers.

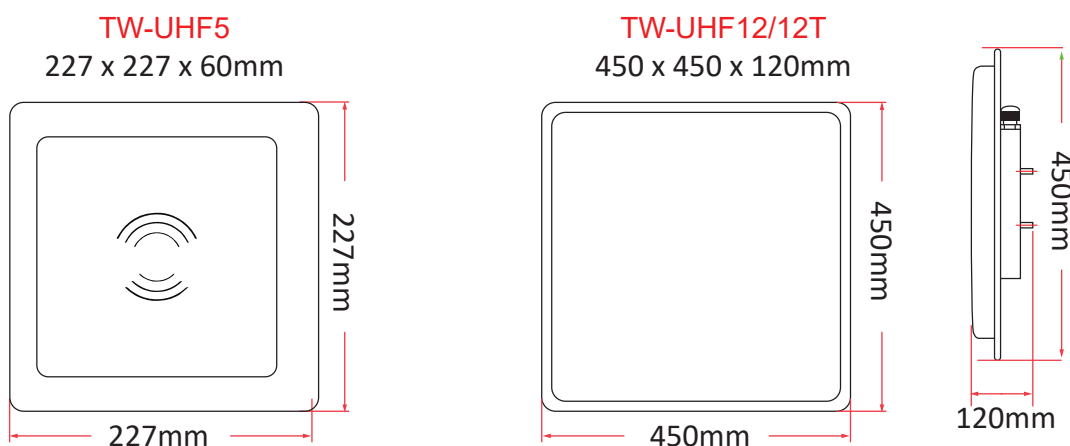
With its 40 feet read-range, TW-UHF5 and TW-UHF12/12T provides users convenient RFID authentication for many applications including door access, vehicular gate access and any application in which the user no longer needs to have their RFID credential held in close range to the RFID reader.

TW-UHF5 and TW-UHF12/12T has a built-in Wiegand-Out port which can be connected to most any access control panel (including s4a-access ACB series control board as ACB-001, ACB-002, ACB-004).

Specification

Verification	TW-UHF5	TW-UHF12/12T
Working Frequency	National standard (920~925MHz), American standard (902~928MHz), or customize other frequency	
Support Protocol	ISO18000-6B, ISO18000-6C(EPC GEN2)	
Frequency Hopping	FHSS or fixed frequency set by software	
Working Way	Automatically reading card at regular time, can set reading card way	
Frequency Power	0~30dBm, be adjusted by software	
Reading Sensitivity	1~5M	5~15M
Reading Speed	Dual polarization reading	
Reading Distance	One label 64 bit ID number < 6ms	
Antenna	Build-in circular polarization antenna, gain 8dB /build-in linear Polarization antenna, gain 12dBi	
Working Voltage	DC +12V	
Working Status Indication	Buzzer	
Power	1W	
Working Temperature	-20 ~80°C	
Storage Temperature	-40 ~125°C	
Working Humidity	20%~95%(No condensing)	

Dimensions



Wiring Diagram

Standard Version



Red	+12V
Black	0V
Brown	RS232_TXD
Yellow	RS232_RXD
Blue	RS232_GND
Grey	TRIGGER
White	DATA1
Green	DATA0
Orange	485R+
Purple	485R-

Lan Version



Red	+12V
Black	0V
Brown	RS232_TXD
Yellow	RS232_RXD
Blue	RS232_GND
Grey	TRIGGER
White	RX+
Green	RX-
Orange	TX+
Purple	TX-

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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.

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