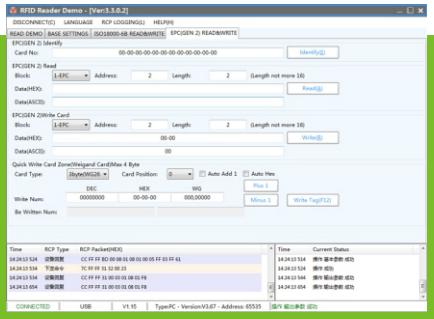
S4A INDUSTRIAL CO.,LIMITED



Latest Demo Ver: 3.3.0.2

UHF 920-925MHz
RFID Long range reader

UHF-105

UHF-115

UHF-105 and UHF-115 is an outdoor IP66-rated long-range 920-925MHz proximity card reader designed specifically for S4A-access proximity cards and stickers.

With its 40 feet read-range, UHF-105 and UHF-115 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.

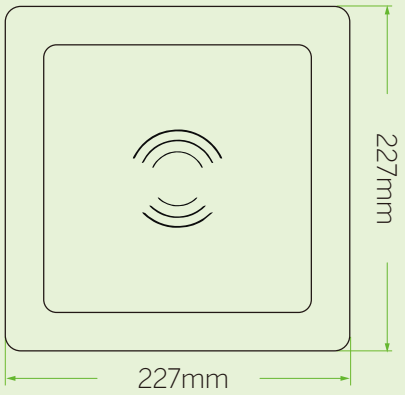
UHF-105 and UHF-115 has a built-in Wiegand-Out port which can be connected to most any access control panel (including s4a-access ACB series control board as ACB-001, ACB-002, ACB-004).

Specifications

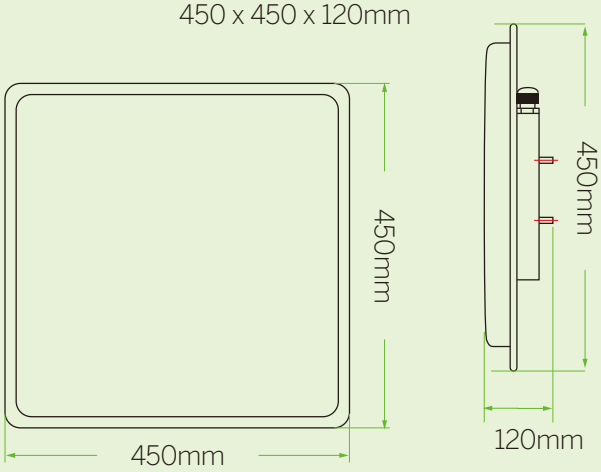
Model No.	UHF-105	UHF-115
Working Frequency	National standard (920~925MHz), America standard (902~928MHz), or customize other frequency	
Support Protocol	ISO18000-6B, ISO18000-6C(EPC GEN2)	
Frequency Hopping	FHSS or fixed frequency set by software	
Working Way	Automatically reading card at regular time, 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	
Interface	RS485, RS232, Wiegand26, Wiegand34, Rj45	
Working Voltage	DC +12V	
Working Status Indication	Buzzer	
Power	1W	
Working Temperature	-20°C~80°C	
Storage Temperature	-40°C~125°C	
Working Humidity	20%~95%(no condensing)	

Dimensions

UHF-105
227 x 227 x 60mm

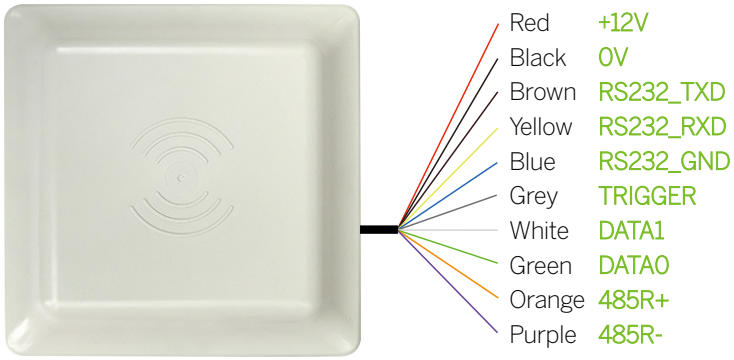


UHF-115
450 x 450 x 120mm

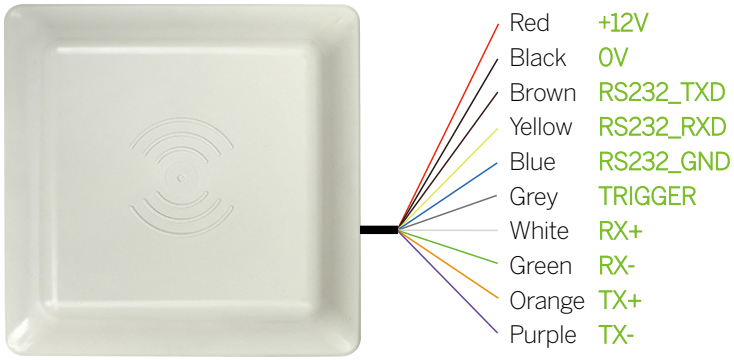


Wiring Diagram

Standard Version



Lan Version



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