

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 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.

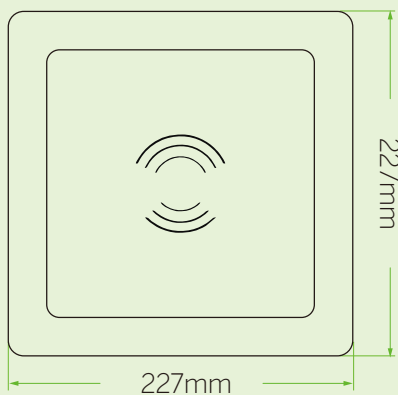
UHF-105 and UHF-115 has a built-in Wiegand-Out port which can be connected to most any access control panel (including access ACB series control board as ACB-001, ACB-002, ACB-004).

## Specifications

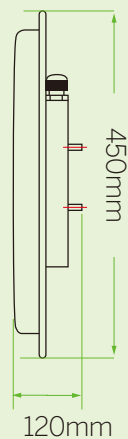
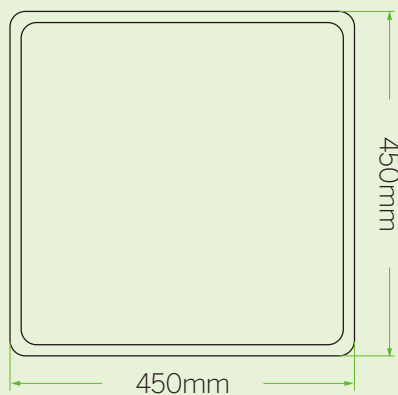
| Model No.                 | UHF-105  | UHF-115 |
|---------------------------|--|---------|
| Working Frequency         | National standard (920~925MHz), America standard (902~928MHz), or customize other frequency        |         |
| Support Protocol          | ISO18000-6B, ISO18000-6C(EPC GEN2)   |         |
| 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

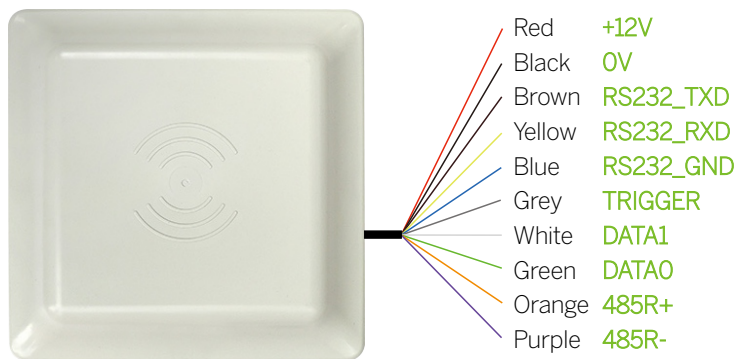


**UHF-115**  
450 x 450 x 120mm



# Wiring Diagram

Standard Version



Lan Version

