

# UHF880

UHF RFID Reader

# SECURITY



## All in One UHF RFID Reader

UHF880 is a whole solution package for long range (UHF EPC RFID) solutions.

Support for ISO18000-6C Class One Gen 2, with a frequency range between 840 to 960 MHz.

This latest design has built-in polarized antenna and, combined with UHF tag, the reading performance is up to 5 meters.

UHF880 has 2 digital inputs with a choice of Wiegand/RS232 outputs or Wiegand/RS485.

Built-in Wi-Fi facilitates easy setup and maintenance while offering the ability to monitor reader performance in real time.

## Key Features

- Compliant to ISO18000-6C, EPC Class 1 Gen 2, Circular polarization
- Up to 5 meters reading distance depending on types of labels, Antenna and condition.
- IP67 Water resistant

## SPECIFICATIONS

UHF880	
Power Requirements	500mA @ 12VDC
RFID Support	ISO 18000-6C, EPC Class 1 Gen 2
Frequency Range	865 868 MHz, 902 ~928 MHz, 920 927 MHz or Customizable
Modulation Type	Amplitude—shift keying (ASK)
RF Power	28 dBm (Configurable)
Interface	RS232/or RS485/Wiegand, 2.4 GHz WiFi ; BLE (optional)
Antenna Type	Patch antenna
Reading Range	Up to 5 Meters
I/O	RS232/RS485: DI x 2, DO x 2, Wiegand: DI x 2
Dimensions	180(L) x 155(W) x 9.5(H) mm / 7.08(L) x 2.16(W) x 0.37H) in
Weight	1905g (4.2lbs)
Temperature Range	Operating: -10°C ~ 60°C / Storage: -15°C ~ 65°C
Relative Humidity (non-condensing)	Operating: 10 ~ 90% / Storage: up to 90%
Ordering Information	
UHF880W-31	865 - 868 MHz RS485/Wiegand, WiFi interface
UHF880W-01	902 - 928 MHz RS485/Wiegand, WiFi interface

## Make the Intelligent Choice

For more information about PMTSecurity products, to see demonstrations, or to discuss your company's needs contact the PMTSecurity team at 727-786-1900.