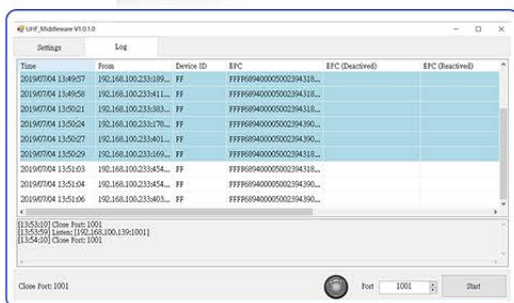


All in One UHF RFID Reader

UHF880 has an antenna built in, the so called all in one UHF RFID Reader compliant to ISO 18000-6C EPC GEN 2 protocol with the frequency range between 860 to 960 MHz. Its reading performance can be up to 5 meters with the features of 2 digital inputs and 2 digital outputs controlled with 2 types of interface, which is RS232/Wiegand and RS485/Wiegand models to make it suitable for many applications, such as assets tracking, access control, parking management, logistic management and more.

With Wi-Fi built in, it's much easier for the user to configure the reader through wireless communication any time. The attached Middleware can help the user implement UHF RFID in any application system. With UHF Middleware, it's available to monitor Wi-Fi connection status and performance level of readers, collect tag data and send it to the database.



Specifications:

Power Require	Max 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	27 dBm (configurable), 20 dBm for Saudi Arab
Antenna type	Patch antenna
Interface	RS232/Wiegand or RS485/Wiegand 2.4 GHz WiFi ; BLE (optional)
I/O	RS232/RS485: DI x 2, DO x 2 Wiegand: DI x 2
Dimension	180 (L) x 155 (W) x 9.5 (H) mm
Temperature	Operation: -10 ~ +60 degree C Storage: -15 ~ +65 degree C
Humidity	Operation: +0% ~ +90% (no coagulation) Storage: MAX 90% (no coagulation)

*Specification is subject to change without notice.

Key features:

- Compliant to ISO18000-6C, EPC Class 1 Gen 2 Circular polarization
- Up to 5 meters reading distance depends on types of labels, Antenna and condition.
- Compatible for worldwide different frequency adaption
- IP67 Water resistant

Applications:

- Assets Tracking
- Access Control
- Parking Management
- Logistic Management

Ordering informaiton:

865 ~ 868 MHz

- UHF880W-30 RS232/Wiegand, WiFi interface
- UHF880W-31 RS485/Wiegand, WiFi interface

902~928 MHz

- UHF880W-00 RS232/Wiegand, WiFi interface
- UHF880W-01 RS485/Wiegand, WiFi interface

GIGA-TMS INC.

8F, NO. 31, LANE 169, KANG-NING STREET,
HSI-CHIH DIST, NEW TAIPEI CITY, TAIWAN
Tel: 886-2-26954214 Fax: 886-2-26954213
<http://www.gigatms.com.tw/>
Email: promag@gigatms.com.tw
promag@ms24.hinet.net