

## All in One UHF RFID Reader

UHF870 is a whole solution package for long range distance (UHF EPC RFID) Reader. Support with ISO18000-6C Class One Generation Two, the frequency range between 840 to 960 MHz. This new design has built-in polarized antenna and combine with UHF tag, the reading performance will be up to 5 meters maximum distance.

UHF870 have 2 digital inputs and 2 digital outputs controlled with two types of interface, which is RS232 /RS485 and Wiegand/RS232 models. It is suitable for many applications, such as assets tracking, access control, parking management, logistics management and more.



## Specifications:

|                   |  |
|-------------------|--|
| Power Require     | 12V~24V<br>Min power require 1A@12~24V                                   |
| RFID Support      | ISO 18000-6C, EPC Class 1 Gen 2  |
| Frequency Range   | 865~868 MHz,<br>902~928 MHz,<br>or Customizable                          |
| RF Power          | 28 dBm   |
| RF Reading Range  | Up to 5 Meters (On)  |
| I/O               | RS232/RS485: DI x 2, DO x 2<br>Wiegand: DI x 2                           |
| Temperature Range | Operating: -10°C ~ 60°C<br>Storage: -15°C ~ 65°C                         |
| Humidity          | Operating: 10%~90% (No Coagulation)<br>Storage: Max 90% (No Coagulation) |
| Dimension         | L: 260mm / W:260mm/ H:73mm   |

\* Specification is subject to change without notice.

## Applications:

- Assets Tracking
- Parking Management
- Product Management
- Logistics Management
- Files / Item Tracking

## Ordering information:

### With Relay

- UHF870-00, 902~928MHz, RS232/485 Interface
- UHF870-30, 865~868MHz, RS232/485 Interface

### Without Relay

- UHF870W-00, 902~928MHz, RS232/Wiegand Interface
- UHF870W-30, 865~868MHz, RS232/Wiegand 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](mailto:promag@gigatms.com.tw)  
[promag@ms24.hinet.net](mailto:promag@ms24.hinet.net)