

**Introduction:**

UHF870 is a total solution for long distance UHF EPC RFID Reader. It is fulfills ISO18000-6C Class One Generation Two and using frequency range between 840 to 960 MHz.also already built-in ANT800 polarized antenna. With UHF Tag which maximum read range can up to 5 meters.

UHF870 have 2 digital inputs and 2 digital outputs controlled and two kind of interface(RS232/RS485 model and Wiegand/RS232 model). It is suitable for access control,parking management、 logistics management and other applications

**Features:**

- ☆ **Compliant to ISO18000-6C, EPC Class 1 Gen 2**
- ☆ **Circular polarization**
- ☆ **Up to 5 meters reading distance depends on types of labels.**
- ☆ **Compatible for worldwide different frequency adaption**

**Applications:**

- Assets tracking
- Parking management
- Product security control
- Files or items tracking

**Specifications:**

<b>Power Require</b>	12V~24V Min power require 1A@12V~24V
<b>RFID</b>	ISO 18000-6C, EPC Class1 Gen2
<b>Frequency Range</b>	865-868 MHz , 902-928 MHz or Customizable
<b>Interface</b>	16 pin cable: RS232/RS485 or RS232/Wiegand
<b>RF Power</b>	28 dBm
<b>RF Reading Range</b>	Max 5 meter (depending on Tag)
<b>I/O</b>	RS232/RS485: DIx2 , DOx2 Wiegand: DIx2
<b>Temperature Range</b>	Operating : 10°C ~ 60°C Storage : -15°C ~ 65°C
<b>Humidity</b>	Operating : 10% ~ 90% (no coagulation) Storage : Max 90% (no coagulation)
<b>Dimension</b>	L: 260mm / W: 260mm / H: 73mm

**Ordering information:**

- UHF870-00 902~928MHz, RS232/RS485 Interface
- UHF870-30 865~868MHz, RS232/RS485 Interface
- UHF870W-00 902~928MHz, RS232/Wiegand Interface
- UHF870W-30 865~868MHz, RS232/Wiegand Interface

※ Specification is subject to change without notice.



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration

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