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Scan the QR code for RTag  
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## Long Range UHF System Amplify Sensors Perspective

[R-LRUHF 900]

RTag presents you the Long Range Ultra High Frequency UHF: R-LRUHF 900.

Long Range UHF R-LRUHF 900



The new generation of Long Range Ultra High Frequency UHF is compatible with multi-protocols, integrated design, fast reading speed, multi-tag identification and waterproof.

Outstanding Features

Integrative Design



Built-in high gain linear polarization antenna without compromising its weight. (Light weight)

Long Range



Long distance tag identification up to 32Feet.  
\*Adjustable

Anti-collision



FSHH operating method with super anti-interference ability

Electronic Radiation Safe



RF Power which is no more than 1dBm with transmitting power < 2mw. Suitable for human and environmental friendly.

ISO Compatible



Support both ISO-18000-6B and EPC Gen2 protocols.

Multiple Communication Interface



Provided with multiple communication interfaces like TCP/IP, RS232 and Wiegand that can be customized. Equip with self-development communication protocols and can be customized and expand according to user requirement

Technical Data

|                              |                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------|
| Model                        | MS-9801H Long Distance RFID Reader                                                          |
| Dimensions                   | 440mmX440mmX50mm                                                                            |
| Operating Temp               | 20°C to +80°C                                                                               |
| Interface                    | RS-232, Ethernet, Wiegand26/34/50                                                           |
| Data Input Interface         | One group Trigger Input                                                                     |
| Indicator                    | Buzzer                                                                                      |
| Power Supply                 | DC 9V (equipped with power adaptor)                                                         |
| Operating frequency          | 860MHz~960MHz (Adjustable for local regulation)                                             |
| RF protocol                  | ISO18000-6B, EPC Class 1 GEN 2, ISO10374 Container Standard, TB/T3070-2002 Railway Standard |
| Operating method             | FHSS or fixed frequency(set by software)                                                    |
| Antenna                      | Built-in 12dBi linear polarization antenna                                                  |
| Reading/Writing tag time     | No more than 5 ms every 8 bytes when reading, 25ms every 4 bytes when writing               |
| Reading/Writing tag distance | Reading distance: >32feet<br>Writing distance: >26feet (depends on tag and environment)     |
| Product size                 | 450mm*450mm*62mm                                                                            |
| Gross weight                 | 5.77 kg                                                                                     |
| Net weight                   | 3.04 kg                                                                                     |
| Accessories                  | Power adaptor, Power cable, RS-232 cable, Mounting bracket                                  |