

## UHF RFID READER

Model - NS-R512-UHF

### Overview

UHF RFID reader is an advanced electronic device known for its exceptional precision, reliability, and unmatched performance.

It is specifically designed to be used in conjunction with UHF tags, which are technology cards equipped with embedded chips. These tags serve various electronic functions, including personal identification, access control, and authentication.

### Features

- Provides an exceptional read range with consistent high performance.
- Achieve a read range of 0-10 meters depending on the quality of the tag.
- Comes with Wiegand/RS-232/RS-485 protocols.
- Offers seamless compatibility with all standard access control systems,
- Benefit from digital input and output interfaces.
- Enable hassle-free authentication processes handled by the controller.

### Benefits

- Optimize entry management with improved vehicle access control efficiency.
- Enable convenient and contactless vehicle identification through.
- Seamlessly integrate with existing access control systems for streamlined operations.
- Facilitate high-speed reading of multiple vehicles simultaneously.
- Customize data output interfaces to ensure compatibility with diverse systems.
- Easy to install and maintain.



## Technical Specifications

Model	NS-R512-UHF
Frequency	865~868 MHz or 902~928 (optional)
Antenna Type	Built-in 8dbi (NS-R508-UHF) Built-in 12dbi (NS-R512-UHF)
Communication Port	(i) Weigand -26bit and 34bit (ii) RS-232 (iii) RS-485 (iv) TCP/IP (optional)
Protocol	ISO18000-6B, ISO18000-6C (EPC-GEN2)
Reading Range	Upto 6 meters (NS-R508-UHF) Upto 10 meters (NS-R512-UHF)
RF power	30 dB (adjustable)
Work Mode	Active/Answer/Trigger
Power	+ 12 V, 2 AMP DC
Operating Temp	-10°~ +55°
Storage Temp	-20°~ +75°
Weather proof rating	IP65
Reading Clue	Buzzer
Dimension	235×235×57MM
Certifications	CE, ISO, 9001, 27001
Package	Reader, Power adapter, mounting bracket



**Disclaimer:** Brief product specifications are mentioned, that may change without prior notice, please check with OEM before purchase. Images are shown for reference only, the actual product may differ due to product enhancement.