



## UHF READER

Model - NS-R5012-UHF

### Overview

NS-R5012-UHF is a high precision and functional UHF Reader that uses radio waves to read and write data to RFID tags. UHF RFID readers operate in the high range frequency band and have a read range of up to 12 meters.

Read range depends on the quality of the tag. UHF RFID readers are used in a variety of applications, including vehicle tracking, access control, and others.

### Features

- With an impressive read range of up to 12 meters, the reader excels in performance.
- Generally, read range depends on the quality of the tag.
- Experience outstanding consistency and an exceptional read range with this device.
- Provides the flexibility of software-programmable data output interfaces.
- Includes Wiegand, RS-232, and RS-485.
- Seamlessly integrate the reader with all standard access control systems.

### Benefits

- Simultaneous scanning of multiple RFID tags.
- Longer reading distances are achievable.
- Data obtained from scanning can be rapidly processed by UHF reader.
- UHF technology ensures reliable tag detection.
- Tracking vehicles can be done cost-effectively using UHF reader.
- UHF readers have diverse applications in access control and parking management.

## Technical Specifications

Model	R5012-UHF
Frequency	865~868 MHz or 902~928 (optional)
Antenna Type	Built-in 9dbi (NS-R5009-UHF) Built-in 12dbi (NS-R5012-UHF)
Communication Port	(i) Weigand -26bit and 34bit (ii) RS-232 (iii) RS-485 (iv) TCP/IP (optional)
Protocol	ISO18000-6C (EPC-GEN2)
Reading Range	Upto 6 meters (NS-R5009-UHF) Upto 12 meters (NS-R5012-UHF)
RF power	26 dB (adjustable)
Work Mode	Active/Answer/Trigger
Power	+ 9~12 V, 2 AMP DC
Operating Temp	-10°~ +55 °
Storage Temp	-20°~ +75°
Weather proof rating	IP66
Reading Clue	Buzzer,Led
Dimension	260×260×60MM
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.