# INTEGRATED IP UHF READER

**Model - NS-R5015-UHF**


## Overview

NS-R5015-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 15 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

- An impressive read range of up to 15 meters.
- Capable of reading EPC + TID or EPC + TID + USER memory areas simultaneously.
- Equipped with a relay port to directly trigger boom barriers, simplifying access control setups.
- Provides the flexibility of software-pro grammable data output interfaces.
- Includes Wiegand, RS-232, and TCP/IP data interface.

## Benefits

- Simultaneous scanning of multiple RFID tags.
- Fully supports EPC C1G2, ISO18000-6B/C standards.
- Seamlessly integrate the reader with all standard access control systems.
- UHF readers have diverse applications in access control and parking management.

## Technical Specifications

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|---|---|
| Model | NS-R5015-UHF |
| Frequency | 865~868 MHz or 902~928 (optional) |
| Antenna Type | 12dBi Linearly Polarized |
| Communication Port | Weigand -26bit and 34bit, RS-232, TCP/IP |
| Interface | Trigger, Relay |
| Protocol | ISO18000-6B/6C (EPC-GEN2) |
| Reading Range | 0 – 15 meters (dependent on tags, environment) |
| RF power | 33dBm ± 1dB (Max) (Adjustable) |
| Work Mode | Timing, Master-Slave, Triggering |
| Power | 9V–25V DC (≥ 2A) |
| Operating Temp | -20°C to +70°C |
| Storage Temp | -40°C to +85°C |
| Weather proof rating | IP66 |
| Reading Clue | Buzzer |
| Dimension | 445mmX445mmX70mm |
| Certifications | CE, ISO-9001/27001 |
| Package | Reader, Power adapter, mounting bracket |
| Frequency Mode | Fixed Frequency / Frequency Hopping |
| Power Consumption | 8W (at 33dBm output) |

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.