



UHF RFID READER

Model - NS-R508-UHF

Overview

UHF RFID reader is a high precision electronic device that offers consistency, reliability, and unmatched performance.

UHF reader is used with UHF tags which are a type of technology card with a built-in chip used for electronic processes including personal identification, access control and authentication. It is widely used in high-end industrial applications.

Features

- Consistently high-performance with an exceptional read range.
- Read range extends up to 0-5 meters depending on the quality of the tag.
- Output interface supports Wiegand /RS-232/RS-485 connectivity.
- Compatibility with all standard access control systems for seamless integration.
- Support for digital input and output interfaces for versatile functionality.
- Authentication is efficiently handled by the system or controller.

Benefits

- Enhanced access control with a UHF car reader system for secure management.
- Extended read range capabilities for contactless vehicle identification.
- Seamless integration with existing access control systems.
- High-speed reading and identification of multiple vehicles simultaneously.
- Customizable data output interfaces, such as Wiegand or RS-485.
- Robust and sturdy construction ensuring durability.

Technical Specifications

Model	NS-R508-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.