

Sensor UHF

Long Range Reader

This innovative passive long-range UHF reader makes it possible to create and deploy cost-effective and user-friendly identification applications for vehicle identification, logistic systems and access control.

Key Features

- Uses passive tags & cards
- No batteries in cards or tags
- Lower cost for cards & tags
- Long Range up to 4.5m with windscreen tag
- LED Feedback

Sensor UHF reader is a passive long-distance RFID reader operating according to the European UHF (ultra high frequency) regulations.

By default the reader possesses only an internal antenna. Optionally, the reader may have an external antenna installed or both an external and internal antenna. When configured with both antennas, they both may transmit and receive simultaneously or one may transmit while the other receives.

For enhanced security the Sensor UHF reader only supports read commands when operating autonomously.

The wide operation temperature range of the Sensor UHF reader and its robust protection class enable you to confidently deploy it in either indoor or outdoor settings.

The Sensor UHF reader is easy to deploy. The reader initiates tag polling/reading automatically upon power-up. Initiating commands are not required in autonomous mode.



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Technical Specification

Operating Frequency	865-868 MHz
Read Range Windscreen Tag	up to 4.5m
Buzzer	Yes
LEDs	Tricolour

Physical

Housing Dimensions	305(H) x 305(W) x 70(D) mm
Housing Material	Aluminum/Plastic
Colour	White

Environmental

Operating Temperatures	-35°C to +80°C
IP Rating	IP67

Electrical

Operating Voltage	12 - 30 (nominal 24 V)
Current Consumption	0.5 A @ 24 V

Part Numbers

SENSOR-UHF-RD Sensor UHF Long Range Reader,
Uses Passive UHF tags, Ideal for car
park applications

Options

SENSOR-UHF-WTAG Sensor UHF Windscreen Tag.
Works with Sensor UHF
Reader. Up to 4.5 meter read
range.



Contact us Today

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