

Item No. XS-UHF-LRU500iPoE-EU

UHF Compact Reader

Long Range Reader with integrated antenna and signal light

The Compact Reader is ideal for vehicle identification and parking access control applications in airports, universities, gated communities and healthcare institutions.

This small vehicle access control reader is installed next to the barrier, gate or bollard, allowing vehicles to conveniently enter the parking area without the need of stopping at the entry.

Special features

- Long Range Reader with integrated antenna
- Antenna port for additional external antenna
- Integrated signal light (red/green)
- Robust and compact housing for indoor and outdoor use (IP67)
- Interfaces: Ethernet, USB

Technical Specifications

Dimensions	WxHxD 290 x 290 x 100 mm
Housing	Plastic (ASA-PC), Aluminium
Weight	2.800 g
Protection Class	IP 67
Colour	Anthracite, translucent
Frequency	865 MHz to 868 MHz
Power Supply	12..24 V DC (+/-10%), PoE+
Power Consumption	typical 16 W (22 W with PoE+)
Output Power:	
int. antenna	max. 2 W ERP
ext. antenna	max. 1 W, configurable in steps of 100 mW



Antenna Connector for
external antenna: 1x R-TNC-Jack (50 Ω)
(Reverse-TNC)

Outputs: 2 Optocoupler
(max. 24VDC/20mA)
2 Relays
max. 24 V DC / 1 A switching
current, 2 A permanent current

Inputs: 2 Optocoupler
(max. 24VDC/20mA)

Temperature range
Operation -25°C to +55°C
Storage -25°C to +85°C
Humidity 5% to 95%
(non-condensing)