

Callidus 8 port UHF RFID reader Gen2

PRODUCT FEATURES

- RFID tag reading, inventorying and editing
- People counter
- Additional alarm outputs, binary inputs and binary outputs
- Smart way of RFID detection inside AM TRX or RF TRX pedestal and even outside the pedestal
- Allows power over ethernet or external adaptor
- Easy installation and setup
- External and internal alarm actions
- Metal housing, Horizontal or vertical installation allowed
- Color - gray

CONNECTIVITY

- UHF RFID antenna 8x SMA female / 50 Ohms
- LAN 10/100Mbit Ethernet, IPv4 DHCP or static IP
- USB 1x USB B
- Binary input 2x opto isolated, max. 30VDC
- Binary output 2x opto isolated, max. 60V/0.5A DC

USER INTERFACE

- Reset button, optical indicators (2pcs RGB LEDs) and sound indicator (internal buzzer)

SOFTWARE INTERFACE

- RFID module API Callidus REST API with HTTP GET or POST requests
- All configuration parameters and device functionality can be controlled via webserver or with customized software that communicates with the reader via REST API

MECHANICAL

Width	8.9 cm (3.5 in)
Length	17.5 cm (6.89 in)
Thickness	2.6 cm (1.02 in)
Weight	0.35 kg

ELECTRICAL

Power over Ethernet (PoE)	PoE 802.3 af
External power supply (optional)	48V/0.5A, max. 12W
Operating frequency (EU)	865 - 868 MHz
Operating frequency (US)	902 - 928 MHz
RFID protocol support	Gen2

DETECTION PARAMETERS

Reading distance	Up to 500 cm (16.4 ft), depending on position, presence of metals or objects filled with liquid, used tags, antenna gain and more)
Reading speed	Up to 750 tags/sec

ENVIRONMENTAL

Ambient temperature	0 - 35°C (normal indoor use)
Relative humidity	0 - 90% (non-condensing)

PRODUCT ORDER CODE

Callidus 8 port UHF RFID reader Gen2	18-333
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