



Access Point RF RxT SW915B-NET PoE Article no.: on request

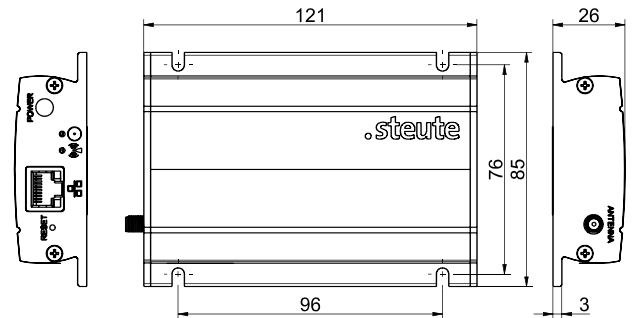
Product features

- sWave.NET® wireless technology
- Simple set-up
- Unlimited spatial expandability
- Long transmission range (700 m outdoors, approx. 50 m indoors)
- Minimal configuration required due to dynamic self-organisation
- Powered via PoE (Power over Ethernet) or external wall power supply (must be ordered separately)

Notes

- A screw-on antenna is included in the delivery.
- A magnetic base with antenna extension can be ordered separately.

Dimensions



General technical data

Applied standards

EN 300 220-2, EN IEC 61000-6-2, EN 301 489-3, EN IEC 62368-1, EN IEC 62368-3, EN IEC 63000

Enclosure

aluminium profile, powder-coated, RAL 7021

Front surface

aluminium sheet, powder-coated, RAL 9016

Antenna

external antenna via RSMA connection;
Notice: use only the enclosed antenna! Max. antenna gain: 3.5 dBi

Degree of protection

IP20 (IEC/EN 60529)

Ambient temperature

0 °C ... +55 °C

Storage and shipping temperature

-25 °C ... +85 °C

Degree of pollution

2

Mounting

screw connection or magnet holder

Connection

Power over Ethernet (PoE), IEEE 802.3af (Class 0)
alternative: plug-in power supply with 3-pole plug connectors

Rated operating voltage U_e

PoE (PD): 48 VDC nominal; (38-57 VDC)
POWER: 24 VDC -15 % ... +10 %

Rated operating current I_e

max. 0.1 A @ 24 VDC

Power dissipation P_e

typ. 1.2 W (max. 2.4 W)

Network interface

10/100 Base-T Ethernet via RJ 45, Cat 5e (S/UTP or F/UTP) or SF/UTP

Software interface

HTTP/MQTT

User interface

Mode LED (operating status),
radio LED (RF telegram signal),
RESET button

Wireless technology

General

Frequency

914.2 MHz (USA, Canada)

Data rate

66 kbps

Channel bandwidth

500 kHz

Modulation type

CSS

Errors and omissions excepted.



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Wireless technology (contd.)

Protocol

sWave.NET®

Transmission power

< 25 mW

Wireless approvals

USA: FCC - VPYLBA0QB1SJ

Canada: IC - 772C-LBAA0QB1SJ

Function

Wireless range

max. 700 m outdoors, max. 50 m indoors