

RESI-ENOCEAN-GW

Communicate with your controller with an ENOCEAN® network



The ENOCEAN® gateway is a simple gateway between a host with serial interface (RS232 or RS485) and a ENOCEAN® wireless system

Das ENOCEAN® Gateway ist ein einfaches Gateway zwischen einem Host mit serieller Schnittstelle (RS232 oder RS485) und einem ENOCEAN® Funksystem. Als Protokoll wird das ENOCEAN® Serial Protocol 3 verwendet. Als Basis des Gateways wird ein ENOCEAN® TCM310 Chip auf 868.3Mhz benutzt. Damit ist die Integration eines ENOCEAN® Funksystems in einen PC, eine SPS, ein AutoGer oder in einen Mini Computer wie den Raspberry Pi® mit eigener Software einfach möglich.



RESI-ENOCEAN-GW

With this converter you get a simple gateway based on the serial ESP3 protocol of ENOCEAN®. The base frequency is 868.3MHz. So you can integrate an ENOCEAN® system into your application. Our gateway is compatible to the DolphinView software from ENOCEAN®.

RESI-ENOCEAN-GW

Connects a host with serial interface to an ENOCEAN radio system, Radio standard ENOCEAN 868Mhz ISO/IEC 14543-3-10, Host communication: via RS232 or RS485 with serial ENOCEAN protocol ESP3 (EnOcean Serial Protocol 3) , Host baud rates: 9600, 19200, 38400 or 57600Bd, no or even parity, 8 data bits, 1 stop bit, ENOCEAN chipset TCM310, 868.3Mhz, antenna 116mm length included, the antenna can be rotated 360° and tilt 90°, Weight: 55g, Dimension (LxWxH): 17,5x90x58mm, Power supply: 24V=, Power consumption: <1.5W, Mountable onto a EN50022 DIN rail.



RESI-ENOCEAN-ANT2



RESI-ENOCEAN-ANT

RESI-ENOCEAN-ANT

Antenna 116mm length included, the antenna can be rotated 360° and tilt 90°, SMA connector, 868MHz

RESI-ENOCEAN-ANT2

Antenna 295mm length, vertical mounted onto a magnetic base (Diameter 50mm) with a cable 4m, 868Mhz, SMA connector



Connection diagram

DIP Switch

BR=Baud rate

DIP1	DIP2	Baud rate
OFF	OFF	9600Bd
ON	OFF	19200Bd
OFF	ON	38400Bd
ON	ON	57600Bd

IF=Interface

OFF	RS232
ON	RS485

FD=Function definition

OFF	Parity NONE
ON	Parity EVEN

DIP switches

AT A GLANCE

- Connects a host with a serial interface to an ENOCEAN® wireless network
- Host communication: via RS232 or RS485 with ENOCEAN® ESP3 serial protocol
- Host baud rates: 9600, 19200, 38400 or 57600Bd, no or even parity, 8 data bits, 1 stop bit
- event oriented communication between ENOCEAN® and serial host
- 868.3MHz base frequency
- supports all 14 KNX data types
- supports all 32.767 KNX group addresses
- Power supply: 24V=
- Power consumption: <1.5W
- Mountable onto a EN50022 DIN rail