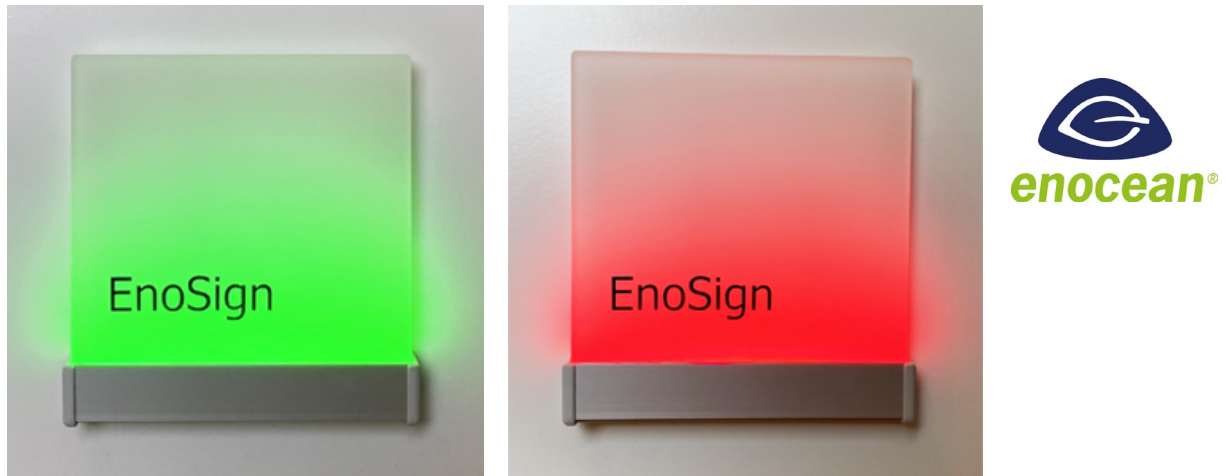


AL-601-00-868 Door sign 15x15 RGB FLEX / EnoSign

Illuminated door sign RGB, EnOcean, 15x15 cm, +24 V DC
Part.-Nr. 12195

Interfaces:

1x EnOcean bidirectional (internal antenna), supply voltage: +24 V DC, 15 x 15 cm Plexiglas® opal-white



(Note: Label "EnoSign" has only been stuck on for product pictures)

The illuminated door sign **AL-601-10-868 Door sign 15x15 RGB FLEX / EnoSign** has an integrated EnOcean transceiver (868.3 MHz). Using this wireless interface, the color and the brightness level of the **EnoSign** can be controlled. The **EnoSign** has a 10mm Plexiglas® plate, the color is opal white.

At any time, the configuration of the **EnoSign** can be changed wireless with the software BL-PC-FLEX-2 and an EnOcean USB-Stick (included in the #11228 delivery package). As an example, it is easy to use a standard EnOcean light switch to control the **EnoSign** in front of a doctor's room. At the same time, a controller of the building automation system, connected directly to a room reservation software, can be configured to control the **EnoSign** with an EnOcean interface connected to the controller, like the EnoDisc (#12184)

The only wired connection to the EnoSign is the +24 V DC power supply.

The device can be easily mounted to the wall with two screws.

Technical data

Interfaces

Type	EnOcean
Number	1
Transmit / Receive frequency	868.3 MHz / ASK
Occupied frequency band	868.0 – 868.6 MHz
Maximum transmission power	Typ. 6 dBm @ 868.300 MHz
EN 300200 receiver category	2

User interfaces

Service button	Yes
Service-LED	-

Housing / connectors

Anschlussstechnik	Two connection wires, 0,75 sqmm, 10 cm
Gehäuse	ABS (UL94 HB), grey 9001 , Aluminum

Power supply

Supply voltage	24 V DC
Power consumption	Typ. 1,5 W, max. 5 W

Environmental conditions

Operating temp.	0°..45°C
Storage temp.	-20°..+70°C
Humidity	10..95% rel. Humidity, non- condensing
Protection class	IP20

Dimensions and weight

Weight	425 g
Dimensions	approx. 15,8 x 16,5 x 3,0 cm

Standards / approvals

CE	2014/53/EU RED directive 2011/65/EU RoHS directive
Approvals / tests	EN 62368-1:2014 + AC:2015 ETSI EG 203 367 DIN/EN 55032 EN/IEC 61000-4-2 EN/IEC 61000-4-3 EN/IEC 61000-4-4 EN/IEC 61000-4-5 EN/IEC 61000-4-6

Table of supported EEP (EnOcean Equipment Profile)

Ref. nr.	EEP	Description
1	F6-02-01	Light and Blind Control - Application Style 1
2	F6-02-02	Light and Blind Control - Application Style 2
3	F6-02-03	F6-02-03 Light Control - Application Style 1
4	A5-07-01	A5-07-01 Occupancy with Supply voltage monitor
5	A5-07-02	A5-07-02 Occupancy with Supply voltage monitor
6	A5-07-03	A5-07-03 Occupancy with Supply voltage monitor and 10-bit illumination measurement
7	A5-06-01	A5-06-01 Range 300lx to 60.000lx

Short description

Power supply

The **EnoSign** has to be supplied by 24 V DC. The typical power consumption (single color) is 1,5 W.

EnOcean

The integrated EnOcean transceiver allows a bidirectional data communication with EnOcean light switches, a decentralized building automation controller and/or the configuration software BL-PC-FLEX-2 (# 11228).

LED, RGB

The opal white Plexiglas® plate is illuminated by RGB-LEDs, shining into the Plexiglas® plate from the bottom. Since the intensity of the colored light decreases from bottom to top, symbols or room numbers stuck to the plate can be perfectly seen.

Functions of the EnoSign

Receiving of EnOcean data

The configuration of the **EnoSign** is done wireless with the configuration software BL-PC-FLEX-2 and an EnOcean USB-Stick. The **EnoSign** will be shown in the so called "Project Explorer" of the software as a new device.

To control the three color channels of the EnoSign, all software functions will be available.

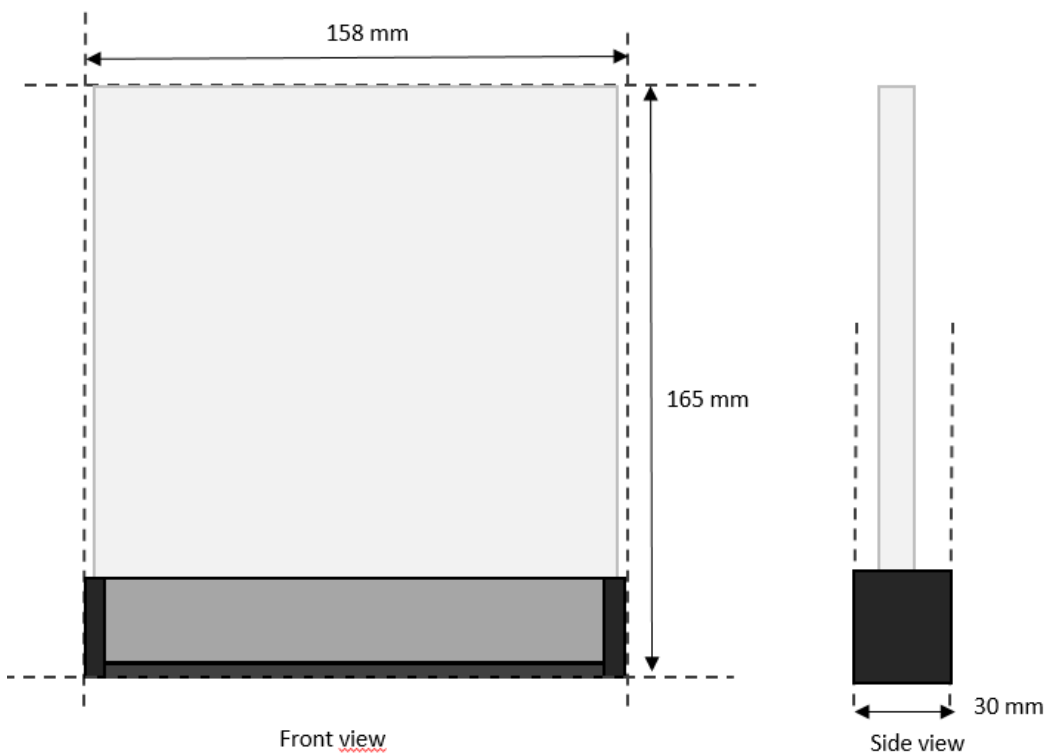
As an example, the four signals A0, A1, B1 and B0 of an EnOcean light switch can be configured as follows:

A0:	Red = 100% ,	Green = 0% ,	Blue = 0%	= Red	= room occupied
A1:	Red = 50% ,	Green = 50% ,	Blue = 0% ;	= Yellow	= room reserved
B0:	Red = 0% ,	Green = 100% ,	Blue = 0% ;	= Green =	= room free
B1:	Red = 0% ,	Green = 0% ,	Blue = 100% ;	= Blue =	= room cleaning

Transmitting of EnOcean data

Using the transparent, bidirectional EnOcean communication to and from the EnoSign, the dimlevel of any channel can be read back if necessary.

Dimensions:



Ordering information

Article text	Part nr.	Description
AL-601-10-868 Door sign 15x15 RGB FLEX / EnoSign	12195	Illuminated room occupancy sign, EnoSign, EnOcean 868 MHz, supply voltage 24 V DC (+/- 10%), dimensions 100 x 120 x 30 mm, illuminated with LED in RGB; incl. mounting material;
BL-PC-FLEX-2 Setup-Kit for Windows PC	11228	Configuration software for BL-20x FLEX and EnoSign, including PC software tool "BL-PC- FLEX-2" and EnOcean-USB-Stick, 868 MHz EAN 4260392290083

EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the radio equipment type **AL-601-10-868 Door sign 15x15 RGB FLEX / EnoSign** is compliant with the directive 2014/53/EU. You can download the complete EU Declaration of Conformity as a pdf-document on our homepage www.deuta-controls.de in the area Service/Downloads (Doc. EUDC2020_161).

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