

# DUO DMX Gateway

Extension | KNXnet/IP  
KNX®/TP | EnOcean® | Stand Alone



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DUO DMX Gateway EnOcean®

# DUO DMX Gateway



DUO DMX Gateway Extension  
Art. No. | 12000



DUO DMX Gateway KNX®net/IP  
Art. No. | 12010



DUO DMX Gateway KNX®/TP  
Art. No. | 12020



DUO DMX Gateway EnOcean®  
Art. No. | 12030



DUO DMX Gateway Stand Alone  
Art. No. | 12040

The DUO DMX Gateway is been designed as a surface mounted device. With the help of a mounting plate it can also been placed into the sub distribution. There are five different versions available:

- Extension: The device builds an extension for the eibPort (KNX® Gateway) and is been controlled by the eibPorts' BMX protocol.
- KNX®net/IP: The device is controlled by KNX®net/IP.
- KNX®/TP: Using a connection terminal the device ist directly connected to the KNX® bus (twisted pair).
- EnOcean®: The device has an built-in EnOcean® radio module, in order to trigger the DMX packets by EnOcean® Profiles.
- Stand Alone: Over the integrated webserver it can be controlled directly with your smartphone, webpad or PC (available in Q4/2012).

The device offers two independently programmable DMX outputs with 512 channels each. In addition to the light scene linkage the individual channels can also be switched and dimmed directly.

The programming of the DMX sequences happens with a professional DMX Software (DMX-Configurator). The software is free and runs on every up-to-date Microsoft® Windows® operating system. The configuration data is either been transferred by SD-Card or over the network.



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## Technical Data

- Operating Voltage: 12–30V DC
- Power consumption: <= 1,2 VA
- Connections: Power over Ethernet (PoE) or power supply via terminal
- Climate resistant: EN 50090-2-2, Class 3K5
- Ambient temperature: –5 to +45 °C
- Storage temperature: –10 to +60 °C
- Relative humidity (not condensing): <95 % r.h.

## Mechanical Data

- Mounting: Ceiling installation/via mounting rail adapter  
DIN Rail EN 50022 – 35 x 7,5
- Measures (W x H x D) in mm:  
without fixing lugs: 50 x 26 x 116  
with fixing lugs: 50 x 26 x 146
- Case: Plastic
- Weight: approx. 120 g
- Protection class: IP20 (acc. EN 60529)

## Interfaces (acc. to delivery):

- KNX®: Twisted pair via terminal (1,5 mm<sup>2</sup>)
- Ethernet: RJ45 socket
- EnOcean®: external SMA antenna
- 2 x DMX 512: terminal (1,5 mm<sup>2</sup>)
- Push button input: terminal (1,5 mm<sup>2</sup>)

## Special Features:

- Power supply: PoE
- Programmable: SD-Card / Network
- Configuration: «DMX-Configurator»  
(professional DMX software)
- DMX: 2 x 512 channels
- External antenna: 2,50 m cable, magnetic base  
and SMA plug

## System Requirements (DMX-Configurator)

- Operating system: Windows® XP to Windows® 7  
(32 bit, 64 bit)
- Communication: Network interface
- Harddisk memory: 5 MB
- Optional: Card reader for SD-Cards