KNX Gateways

DMX | RS485 | RS232

KNX-GW2-DMX

The KNX-DMX Gateway is an interface between the KNX bus and the DMX512 bus.
It combines elements of building automation with a variety of lighting and special effects devices for every need.
The KNX-DMX Gateway is unidirectional, receives data telegrams on the KNX bus and transmits the data onto the DMX512 bus. The interface allows the DMX512 actuators to communicate via the KNX bus using the full range of the channel.

Compatible with Windows 10 and higher
Extended Memory

Parametrization is done by the dedicated program KNX-DMX-GW-II-Configurator.

Article	Article No.
KNX-GW2-DMX (6TE)	40200186

Article	Article No.
KNX-GW2-DMX-2TE	40200182

KNX-DMX-GW-II-Configurator

The associated software is available on our website.

KNX-GW2-RS232-RS485

The KNX-GW2-RS232-RS485 is a gateway between the KNX-Bus and the serial lines RS232 or RS485. It can be used to easily connect devices with serial data of both directions like multimedia equipment or alarm systems to the KNX-Bus.

Compatible with Windows 10 and higher
Extended memory

The parametrization is done by the new associated software KNX-SERIAL-GW-II-Configurator.

Article	Article No.
KNX-GW2-RS232-RS485 (6TE)	40220186

Article	Article No.
KNX-GW2-RS485-2TE	40210182

KNX-SERIAL-GW-II-Configurator

The associated software is available on our website.

IP-Gateway

KNX-System

KNX-GW2-IP-2TE

The KNX-GW2-IP-2TE is used to connect the ETS (PC software tool) via Ethernet to the KNX bus for addressing, programming, data logging and visualization of KNX components.

Features

- 16 KNXnet / IP Tunnel
- KNXnet/IP Routing
- Busmonitor
- No ETS application required
- Configuration via web browser
- Group monitor in web browser

- Local Group Cache
- Extensive KNX telegram logger
- Logs all group addresses on the bus
- Graph view in web browser
- CSV export

- NTP-client and KNX timeserver function
- Up to 32 events for scripts
- Events triggered by time of day or telegrams
- 256 timers configurable in groups
- Messenger client for notifications over XMPP (Jabber)
- Email notifications

- Framework for HTTP-requests
- HTML visualization
- OpenVPN supported
- Node-RED preinstalled
- MQTT Server preinstalled

- 4 Kernels, 1GHz each
- 4 GByte internal memory for data storage
- 1 GByte RAM
- µ-SD-Card slot for memory extension (exclusive SD-Card)
- USB-Ports for configuration and extensions (special drivers on request)
- Additional Power 9..32V needed
- KNX bus connection <=10mA

Security
- SSH/SFTP ssl-encrypted
- Different passwords for different functions
- Security swich to deactivate different functions (configurable)

Open system
- Data transfer over sftp
- Console over ssl

Arcus-IP-VISU | **Access-Control**

Further information about the associated extension software updates Arcus-IP-VISU and Access-Control is available on request.

Operating temperature: -25 .. +55 °C

DIN Rail mounted housing 2 units width (35 x 90 x 63 mm)

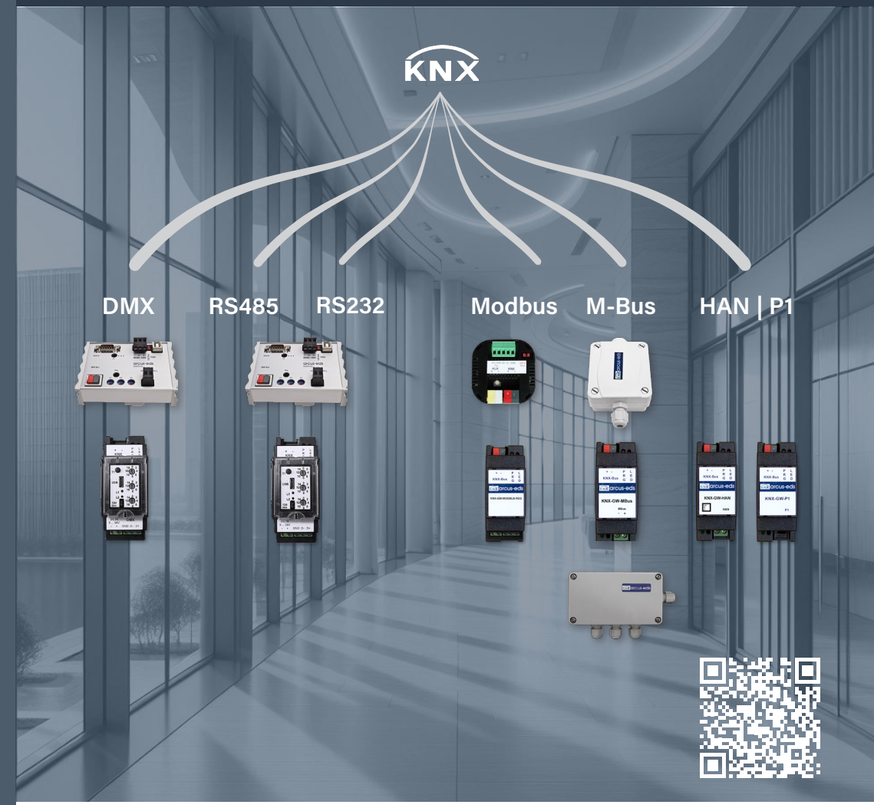
IP20

Article	Article No.
KNX-GW2-IP-2TE	40400003

KNX Gateways & Smart Metering

KNX Components

IP Gateway
DMX | RS485 | RS232
M-Bus | Modbus | HAN



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KNX Gateways & Smart Metering

M-Bus | Modbus

KNX Gateway M-Bus

Application: KNX bus coupling for counter with M-Bus interface

The M-Bus gateway is a master for M-Bus systems according to the DIN EN 13757-2/3. The master can supply and read up to 3 M-Bus devices. There are 32 M-Bus data points available which can be assigned freely to the different devices.

KNX Readable data:
For each M-Bus device
- device date
- secondary address

Per M-Bus data point (32 data points) as:
- 6-Byte metering value
- 4-Byte float
- 4-Byte unsigned integer
- date
- time

Article	Article No.
KNX-GW-MBUS-SK01	60400001
KNX-GW-MBUS-REG	60400002
KNX-GW-MBUS-SK08	60400008

KNX Gateway MODBUS

Application: KNX bus coupling for counters with Modbus/RTU interface

The bus coupler represents a bus master of the Modbus/RTU interface.

A connection can be made via RS485 (maximum 32 subscribers incl. Master) or RS232 (P2P).
This option must be selected upon order and cannot be changed by application.

32 M-Bus data points are available, they can be assigned freely to the different devices.

Article	Article No.
KNX-GW-MODBUS-RS485	40300007
KNX-GW-MODBUS-RS232	40310007
KNX-GW-MODBUS-RS485-REG	40300002

KNX Gateways & Smart Metering

HAN-P1 | HAN-Modbus

KNX Gateways HAN-P1

Application: KNX bus coupling for counters with P1 interface

The P1 gateway is a slave for the P1-bus which is similar to the M-Bus.

Each used meter needs one gateway and one gateway can only serve one meter and up to four externally coupled meters.

In Belgium this device is only available from Siconia meter and support is only available through Vecolux.

Article	Article No.
KNX-GW-HAN-P1	60400013

KNX Gateway HAN-MODBUS

Application: KNX bus coupling for counters with HAN interface.
The HAN gateway is a slave for the HAN-Bus which is similar to the M-Bus.

Each used meter needs one gateway and one gateway can only serve one meter.

In Norway this device is only available from Function Products AS (https://www.function.no/produkter) and support is only available through them.

Article	Article No.
KNX-GW-HAN-MODBUS-REG	60400012

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Notes

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