# Interra KNX Matter Bridge Gateway




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|---|---|
| **Product Code** | ITM839-0001 |
| **Power Supply** | 20-30 V DC Power Supply or PoE (802.3af) |
| **Power Consumption** | 1 W |
| **IP Communication** | Ethernet 10/100 Base-T (RJ45) and Wi-Fi 2.4 GHz |
| **Controls** | 2 push buttons |
| **Indicators** | 2 multi-color status LEDs |
| **Ambient Temperature** | -5°C…45°C |
| **Maximum Air Humidity** | < 90% RH |
| **Colour** | Light Grey |
| **Dimensions** | 70 × 85 × 60 mm (W × H × D) |
| **Certification** | RoHS, Matter certified |
| **Configuration** | Configuration with ETS and Web Interface (Matter Bridge) |

## DESCRIPTION

The Interra KNX Matter Bridge Gateway is a compact DIN rail device that provides visualization, app, and voice control for KNX systems via Matter. It is compatible with Apple Home, Google Home, Amazon Alexa, Samsung SmartThings, Home Assistant, Homey, and all other Matter platforms. Its intuitive Web Interface allows easy configuration of the Matter Bridge for visualization and control.

## MAIN FUNCTIONAL CHARACTERISTICS

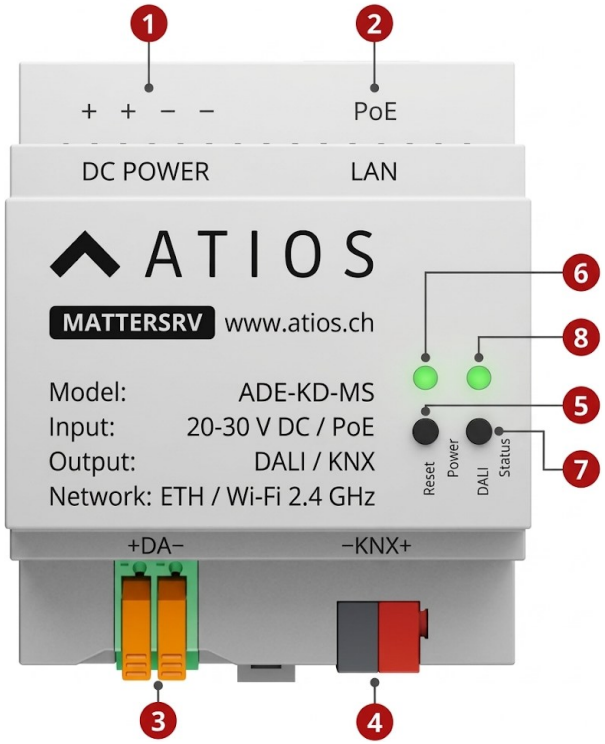
- **Broad Platform Support:** Supports Apple Home and Home Assistant via HomeKit, as well as Apple Home, Google Home, Samsung SmartThings, Amazon Alexa, Home Assistant, and others via Matter.
- **Advanced Automation:** Enables scenes, automations, multi-user access, and push notifications via Apple Home, Google Home, Samsung SmartThings, and similar platforms.
- **High Security:** Supports KNX Secure and is configured with ETS5 or higher.
- **Flexible Connectivity and Power:** Features Ethernet 10/100 Base-T and 2.4 GHz Wi-Fi network connectivity, powered via Power over Ethernet (PoE 802.3af) or 20–30 V DC.
- **Comprehensive Device Support:** Supports lighting (on/off, dimmable, tunable white, RGB, RGBW, RGBAW), switches (on/off), outlets, fans, programmable switches, blinds, shutters, and curtains (with or without position and tilt control), thermostats, door locks, garage doors (HomeKit only), and sensors (temperature, motion, occupancy, contact, CO2, CO, air quality, smoke, humidity, water leak, and brightness).

## MOUNTING, COMMISSIONING AND SAFETY NOTES

- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- For planning and construction of electric installations, the appropriate specifications, guidelines and regulations in force of the respective country have to comply.
- For mounting, only use appropriate equipment according to IEC60715.
- Installation only in distribution boards and enclosed housings.
- Installation only on a 35 mm DIN rail (TH35).
- Connect the KNX bus line as for common KNX bus connections with a KNX bus cable, to be stripped and plugged into a KNX TP connector.
- Installation only in dry locations.
- Accessibility of the device for operation and visual inspection must be provided.
- For commissioning, use the ETS and Web Interface (Matter Bridge).

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## CONNECTION DIAGRAM




**1.** DC POWER terminals, 20-30 V DC

**2.** LAN port, Power over Ethernet

**3.** DALI bus terminals (–DA+)

**4.** KNX TP bus terminals (–KNX+)

**5. Reset button:** reboot, factory reset, KNX programming mode, safe mode

**6.** Power LED, system status

**7.** DALI button, broadcast on/off for all DALI lights

**8.** DALI status LED, bus status

**A -** Mount the KNX Matter Server to the DIN Rail in the electrical cabinet.

**B -** Connect power via PoE to Ethernet port ❷, or connect a 20-30 V DC supply to terminal ❶ . PoE powers the device and provides network connectivity, no separate DC supply needed.

**C -** Connect the KNX TP Bus to terminal ❹. Observe polarity.

**D -** The DALI terminal ❸ has no function on the KNX Matter Server. Leave it empty.

**E -** For network access, use a PoE Ethernet cable ❷ for LAN, or configure WiFi via Network Settings using a separate DC power supply ❶.

| ACTION | DESCRIPTION |
|---|---|
| **2s Press** | **Reboot:** Press and release for reboot. Save your configuration beforehand and it will stay on the device, no export necessary. |
| **10s Press** | **Factory Reset:** Hold the button until the LED blinks purple, then release to factory reset.<br>A factory reset will delete all your accessory configuration. This cannot be undone. Export your configuration first if you want to back it up (System Settings → Configuration → Export). |
| **Double Press** | **KNX Programming Mode:** Quick double press for KNX Programming Mode (LED solid red) |
| **Long Press During Boot** | **Safe mode:** Keep pressed during reboot until steady yellow light to enter safe mode |

| LED | STATE | MEANING |
|---|---|---|
| Blue | Blinking | Ready for reboot, release button for action |
| Blue | Solid | Booting |
| Green | Blinking | Establishing IP connection |
| Green | Solid | Got IP address |
| Yellow | Blinking | Matter pairing mode active |
| Yellow | Solid | Safe mode |
| Purple | Blinking | Ready for reset, release button for action |
| Purple | Solid | Device is resetting |
| White | Blinking | Access point mode active (WiFi) |
| White | Solid | Client connected to AP |
| Red | Blinking | Network disconnected |
| Red | Solid | KNX Programming Mode active |
| Orange | Blinking | Downloading and installing update |

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