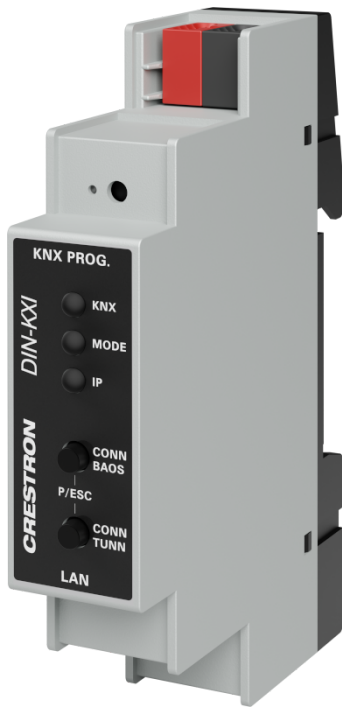


KNX Secure IP Gateway, DIN Rail Mount



- 1M wide DIN rail mounting
- Ethernet to KNX interface
- Integrates KNX with a Crestron® control system
- Supports KNXnet/IP Security (AES-128)
- Controls up to 1,000 KNX datapoints
- Up to 8 simultaneous KNXnet/IP Tunneling connections
- Configure using ETS Software
- On-board controls for setup and diagnostics
- Powered via the KNX bus

The [DIN-KXI](#) is an IP-based KNX interface that allows a 4-Series® [Control System](#) to communicate with a KNX system. It is capable of addressing and controlling up to 1,000 datapoints and receives power over the KNX bus. The DIN-KXI can also be used as a programming interface for KNX devices using ETS5 and ETS6 software.

KNX Security

The device supports KNX Security (AES-128) which can be enabled using ETS software.

Ethernet Communications

The Ethernet connection allows access to the KNX bus from any point on the LAN. This provides programming and diagnostics without direct access to the DIN-KXI.

Local Diagnostics

The buttons and LEDs on the device provide diagnostic data including the operating status and communication errors.

DIN Rail Installation

The 1M (18 mm) wide DIN-KXI snaps onto a standard DIN rail for installation in a wall mount enclosure. Wiring connections are made along the top and bottom, clearly accessible from the front for easy installation and servicing. All setup controls and indicators are positioned on the center front panel.

KNX Secure IP Gateway, DIN Rail Mount

Specifications

Power

KNX Bus 20mA

Communications

KNX KNX over TP (Twisted Pair);
Interface protocol: cEMI;
Max. APDU length: 55;
Device model: System B;
KNXnet/IP Security (AES-128);
Compatible with ETS5 and ETS6

Ethernet Supports ARP, ICMP, IGMP, UDP/IP, TCP/IP,
DHCP, and Auto IP;
DHCP is enabled by default, can be changed
using the ETS Software

Connectors

KNX (2) 4-conductor KNX bus connectors, push-in
style;
Consisting of (1) Red (+) and (1) Black (-)
connector, for power and communications;
Accepts up to 4 solid-core twisted pairs;
0.6 - 0.8 mm (22 - 20 AWG), strip wires 5 -
6 mm (0.2 - 0.24 in.)

LAN (1) 8-pin RJ-45, female;
100BASE-TX Ethernet port;
Green and yellow LEDs indicate Ethernet
port status

Controls and Indicators

KNX PROG. (1) Red LED and (1) recessed, miniature push
button for entering Programming mode and
factory reset;
Programming Mode: Press to enter
Programming mode, the LED lights to
indicate that Programming mode is
activated;
Factory reset: Press and hold while
connecting the KNX bus, hold for 6 seconds
until all LEDs flash

KNX (1) Multicolor LED, indicates power and KNX
status;
Green: Indicates power is received from the
KNX bus;
Flashing Green Indicates communications on
the KNX bus;
Flashing Red: Indicates communications
failure on the KNX bus

MODE

(1) Multicolor LED, indicates BAOS and IP
tunnel status;
Green: Normal operating mode;
Red: Programming mode is active;
Flashes green (1 to 10 times): Manual mode
is active, the selected BAOS connection (1 to
10) is not used and is available, the number
of flashes indicates the connection number;
Flashes Orange (1 - 10 times): Manual mode
is active, the selected BAOS connection (1 -
10) is used;
Flashes Green (1 - 5 times): Manual mode is
active, the selected Tunnel (1 - 5) is not used
and is available;
Flashes Orange (1 - 5 times): Manual mode is
active, the selected Tunnel (1 - 5) is used;
Flashes Red: The configuration is not
properly loaded

IP

(1) Multicolor LED, indicates Ethernet
status;
Green: Active Ethernet link and valid IP
settings;
Flashes green: Ethernet activity;
Red: Invalid IP settings or has not received IP
settings from the DHCP server

CONN BAOS

(1) push button, to enter Manual mode and
select a BAOS connection;
Press to enter Manual mode and select a
BAOS connection (1 - 10), the MODE LED
indicates the selected BAOS connection
number;
To exit Manual mode, press CONN BAOS
and CONN TUNN simultaneously

CONN TUNN

(1) push button, to enter Manual mode and
select a tunnel connection;
Press to enter Manual mode and select a
TUNN connection (1 - 5), the MODE LED
indicates the selected tunnel connection
number;
To exit Manual mode, press CONN BAOS
and CONN TUNN simultaneously

Environmental

Temperature -5° to 45°C (23° to 113°F)

Humidity 5% to 93% RH (noncondensing)

Construction

Enclosure Light gray polycarbonate housing with
polycarbonate label overlay

Mounting 35 mm DIN EN 60715 rail mount, DIN 43880
form factor for enclosures with 45 mm front
panel cutout, occupies 1 DIN module space
(18 mm)

KNX Secure IP Gateway, DIN Rail Mount

Dimensions

| | |
|--------|-----------------------------|
| Height | 91 mm (3.57 in.) |
| Width | 18 mm (0.70 in); 1M wide |
| Depth | 60 mm (2.36 in.) |

Weight

40 g (1.41 oz)

Compliance

Regulatory Model: M202234003
CE

Model

DIN-KXI
KNX Secure IP Gateway, DIN Rail Mount

Available Accessories

For a list of available accessories, visit the [DIN-KXI](#) product page.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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DIN-KXI

KNX Secure IP Gateway, DIN Rail Mount

