

KNX IP Secure router and interface

Item number: INKNXRTR0080000

As a router, this device enables the coupling of KNX TP lines and areas on a KNX IP Secure backbone. As an interface, the device provides access to the KNX TP bus from any point on the local LAN or remote connection. Up to 8 simultaneous KNXnet/IP tunneling connections are supported.



KNX TP to KNX IP Secure router - Up to 8 simultaneous KNXnet/IP tunneling connections

Features and benefits

- ✓ **KNX IP Secure and KNX Data Secure certified**
Prevent security breaches and comply with the highest cybersecurity standards.
- ✓ **Interface functionality: up to 8 simultaneous KNXnet/IP tunneling connections**
Access the KNX bus from anywhere on the network, even remotely.
- ✓ **Telegram buffering: up to 150 telegrams**
Prevent telegram loss during high-traffic conditions.
- ✓ **Line and area coupler functionality**
Design flexible KNX topologies, simplify system architecture, and reduce hardware costs.
- ✓ **Extended filter table for group addresses implemented**
Improve system performance and reduce unnecessary traffic.
- ✓ **No power supply is needed**
Reduce installation effort and hardware requirements.



General	
Capacity	Up to 8 KNX IP connections
Net Width (mm)	18
Net Height (mm)	89
Net Depth (mm)	59
Net Weight (g)	54
Packed Width (mm)	26
Packed Height (mm)	116
Packed Depth (mm)	75
Packed Weight (g)	77
Operating Temperature °C Min	-5
Operating Temperature °C Max	+45
Storage Temperature °C Min	-25
Storage Temperature °C Max	+70
Input Voltage (V)	KNX bus (approx. 30 V DC)
Power Connector	Other
Configuration	ETS
Installation Conditions	This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit.
Content of Delivery	Intesis gateway and installation manual.
Not Included (in delivery)	Power supply not included.



General

Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	INKNXRTR0080000
Country of Origin	Germany
HS Code	8517620000
Dual Usage	No

Physical Features

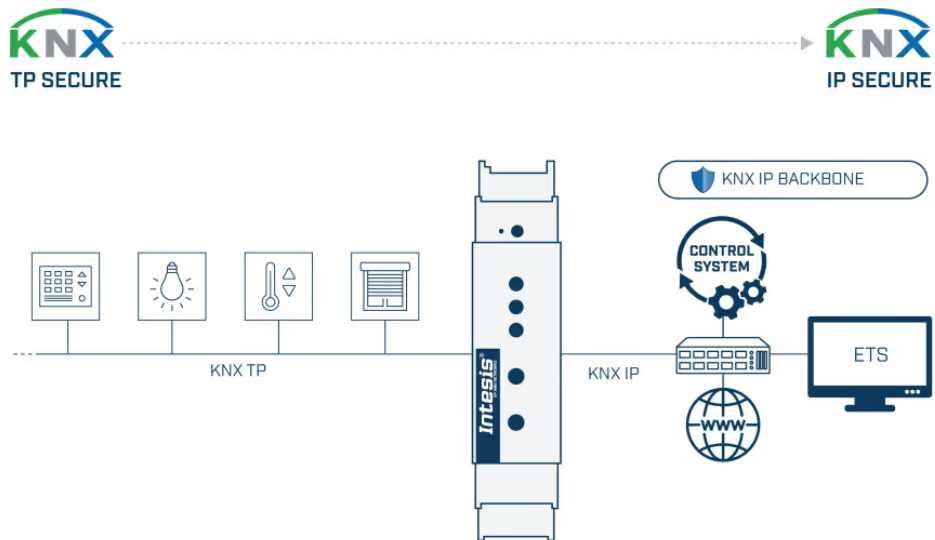
Connectors / Input / Output	KNX, LAN
LED Indicators	3 x multicolor (KNX, Mode, IP) 1 x KNX programming status
Push Buttons	2 x addressing 1 x KNX programming
Contains Battery	No

Certifications and Standards

Product Certifications	CE, KNX
WEEE Category	IT and telecommunications equipment



Use Case



Integration example.