Care, faults & disposal

Care and servicing

Isolate supplies before cleaning. Use a soft, dry cloth. Do not use liquids, solvents or abrasives.

Do not open, modify or repair the gateway. Contact Elausys for servicing.

If damaged, wet, unusually hot or emitting an unusual smell, stop use. Have a qualified installer isolate it safely.

Fault assistance

Check supply, wiring and configuration against the manual. If the fault remains, tell support the product identification, firmware version and fault symptoms.

Electrical waste

Do not put this device in household waste. The crossed-out wheeled bin indicates separate collection of electrical equipment.

Use an authorised electrical-waste collection point or ask your supplier about returns. Separate collection supports reuse and recycling and protects health and the environment.

Sort packaging according to local collection rules.

Manufacturer & documentation

Manufacturer

Elausys SRL
Rue de la petite ferme 5C
4218 Couthuin
Belgium

Support:
info@elausys.be
elausys.com

EU conformity documentation

For the EU Declaration of Conformity for NXG-KNX, contact Elausys at the email address above. Quote the product reference and the identification shown on the device.

Manuals and downloads

Access the product user manual, ETS application and Quick Start Guide through the Elausys Support Center.

elausys.com/en/support

Scan for product documentation.

elausys
Electronic & Automation Systems

Design. Integrate. Visualise.

NXG-KNX

Safety & regulatory information

ENGLISH

Read before installation

Read this notice and the gateway and alarm-system manuals before installation. Keep them and pass them to the end user.

Intended use

NXG-KNX connects compatible Interlogix UltraSync alarm systems (NetworXConnect, xGen and ZeroWire) to KNX over Ethernet.

For monitoring and authorised automation/control of the connected alarm system. Use only the supported equipment and configuration.

Do not use this gateway as a substitute for alarm signalling, protective functions or a dedicated life-safety system.

Electrical safety

WARNING - Hazardous voltage and backup power may be present inside the alarm panel or installation cabinet.

Installation and wiring must be performed by a qualified installer familiar with electrical and alarm systems. Follow applicable national rules.

Before wiring or removal, isolate all relevant supplies, including KNX and panel mains/backup feeds where involved. Prevent reconnection and verify absence of voltage. Follow the alarm manufacturer's isolation procedure.

Supply the gateway only with a regulated, safety-isolated 12-30 VDC source. Observe polarity. Never connect mains to gateway terminals.

Separate KNX, auxiliary and network wiring from mains. Prevent loose strands and contact with live parts.

Installation environment

Mount on a DIN rail in a dry indoor enclosure. Protect from moisture, condensation, dust and heat. Ambient: +5 °C to +45 °C. Do not energise a damaged device.

Connections & limits

Essential technical data

Product: NXG-KNX
Auxiliary supply: 12-30 VDC
KNX bus current: typ. <16 mA at 29 VDC
Ambient: +5 °C to +45 °C
Mounting: DIN rail, 2 modules
Alarm interface: Ethernet RJ45

Mounting and connections

Connect KNX at the top red/black terminal, observing polarity. Use a suitable KNX bus power supply.

Connect the auxiliary supply at the bottom 12-30 VDC / GND screw terminal. Both KNX and auxiliary power are required.

Connect RJ45 Ethernet to the same local network as the alarm panel. Status broadcasts do not cross routers.

NXG-8 with NXG-7002: isolate the 4G-card ETH LAN as shown in the manual. Its DHCP server can disrupt the main network.

Before power-up

Check voltage, polarity, mounting and wiring against the manual. Check capacity if using panel power.

Commissioning & secure use

Configuration

Create panel user "knx"; enable UltraSync and Status Broadcast. Set IPs and the matching ETS PIN. Check zone/area mapping.

Verify operation

Coordinate tests with the user and monitoring service. Compare KNX/panel states; test commands, scenes and power/communication loss. Do not rely on stale states.

Arm/partial-arm switch objects disarm on OFF. Test ON/OFF before enabling controls.

Protect alarm control

Use a trusted LAN. Never expose gateway or KNX directly to the internet. Limit wiring, web, ETS and visualisation access. Protect passwords and panel PIN.

Use only Elausys firmware; follow the manual for updates.

Before transfer/disposal, revoke panel credentials and automation links. Factory reset retains ETS.