

AJAX-KNX · DATASHEET

AJAX Alarm Systems on KNX

Bidirectional bridge between AJAX alarm systems and KNX building automation.



PRODUCT OVERVIEW

The AJAX-KNX Gateway is a bidirectional interface that connects AJAX alarm systems to the KNX bus. It bridges one of Europe's fastest-growing security platforms with the KNX building automation ecosystem — turning passive alarm events into active automation triggers. Control up to 4 areas, and recall KNX scenes automatically on every status change.

KEY FEATURES

Bidirectional Control Arm, partial arm and disarm AJAX areas from any KNX visualisation, touch panel or push-button.	Automatic Scene Recall Assign a KNX scene (0–64) to each area status; the scene fires the moment the status changes.	4 Areas, 6 Statuses Full control of up to 4 partitions with armed, disarmed, fire, panic, intrusion and siren feedback.
Power Supply Monitoring AC failure and battery failure status available as KNX group objects directly on the bus.	Encrypted Cloud Commands Arm/disarm commands routed through the AJAX secured cloud with full end-to-end encryption.	SIA Protocol Events Real-time alarm event reception over local Ethernet using the standard SIA reporting protocol.

TECHNICAL SPECIFICATIONS

Form factor	DIN-rail, 2 SU width	Zones	Up to 96 individual KNX group objects
Power supply	12–30 VDC, screw terminal	Areas	Up to 4 with arm / night / disarm
KNX bus	29 VDC, < 16 mA typ.	Scene recall	KNX scenes per area status
Network	Ethernet RJ45, local network	Protocols	SIA over Ethernet · AJAX cloud (TLS)
Operating temp	+5 °C to +45 °C	Compatibility	All AJAX Hubs