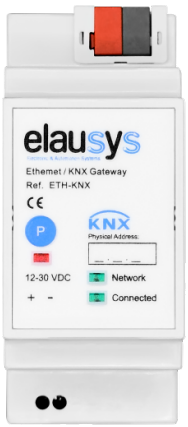
AJAX-KNX

KNX gateway for Ajax alarm systems

AJAX-KNX connects Ajax alarm systems to KNX building automation. Monitor areas and zones, arm from KNX, recall scenes, switch Ajax relays and use camera events from any KNX visualisation, touch panel or push-button.



AJAX-KNX

Alarm control and automation

Bidirectional control

Arm, partially arm and disarm up to 4 areas from KNX. Partial arming activates Night Mode.

Area status feedback

Disarmed, armed, partial armed, exit delay, fire, panic and intrusion alarm per area.

Up to 96 zones

Individual zone statuses on KNX when armed, in Night Mode or for Always Active zones.

Automatic scene recall

Assign KNX scenes to area status changes to trigger building automation responses.

Relays and camera events

32 PG channels: switch Ajax relays and sockets, receive camera events (person, pet, vehicle...).

Virtual inputs

16 KNX inputs raise a panic alarm or take a photo with an Ajax detector.

Power supply monitoring

Monitor Ajax battery and AC power failures through dedicated KNX group objects.

ETS commissioning

Use the NXG-KNX Interface application, shared across the Elausys alarm gateway range.

Connection and security

Secured cloud connection to Ajax (default): every feature. Needs internet access and Elausys invited as Security Company.

Local SIA: area and zone status without internet, SIA DC-09 with AES-128 encryption.

Web interface over HTTPS, protected by a password. Elausys-signed firmware with automatic updates, never installed during an alarm.

Always Active zones can trigger alarms even when disarmed. Enable this setting selectively.

Technical specifications

Mounting	DIN rail, 2 modules	**KNX interface**	KNX TP, galvanically isolated
Aux. supply	12-30 VDC, screw terminal	**Areas / zones**	Up to 4 / up to 96
Bus current	< 16 mA at 29 VDC	**PG / virtual inputs**	32 / 16
Network	Ethernet RJ45, 10/100	**Alarm link**	Ajax cloud / local SIA (AES-128)
Operating temp.	+5 °C to +45 °C	**Configuration**	ETS / web interface (HTTPS)
Compatibility	All Ajax hubs	**Firmware**	1.0.2.7 or later

See the AJAX-KNX user manual R1.05 for setup and zone reporting behaviour.