AJAX-KNX

KNX gateway for Ajax alarm systems



Connect your Ajax Hub, then check alarm status and control in ETS.

01 Connect the gateway

With power off, mount on a DIN rail (2 modules). Connect KNX at the top, 12-30 VDC at the bottom (mind polarity), Ethernet to a LAN with internet. Power on. No port forwarding needed; if outgoing traffic is filtered, allow TCP 7443.

02 Set a password and a fixed IP address

Open https://192.168.1.51 from a PC on the same subnet (192.168.1.x) and accept the certificate of the gateway. Choose a web password (8 characters or more) within 10 minutes of power-up. On Network settings, set a free fixed IP address (no DHCP), save, then reconnect at the new address.

03 Connect the gateway to Ajax

In the Ajax app, Space Settings / Security Companies, invite by email info@elausys.be: the invitation is accepted automatically within minutes. On the Ajax page of the gateway, enter the 8-character Hub ID of Hub status, match Partition mode to the Group mode of the space, and save.

04 Or use local SIA, without internet

Switch Cloud connection off on the Ajax page. In Security Companies / Monitoring Station, send SIA DC-09 to the gateway IP, port 2410, Object number of 3 letters, encryption on with the SIA key of the Ajax page (or off). Local SIA gives the status only: no arming, PG or virtual inputs from KNX.

05 Configure and download in ETS

Add NXG-KNX Interface and assign a free physical address. Set zones and areas: 1 without Ajax groups, at least 2 with groups. Map each area. Set PG Control, PG Status and Virtual inputs to Used for the channels of the Device mapping page. Link Module status, area status and the objects you need. For scenes, set numbers 1-64 and link Call scene (0 disables). Press P (or the programming switch of Network settings), then perform a full ETS download.

06 Verify status feedback and control

Check that the Network and Connected LEDs are on and that the Ajax page shows Cloud API Connected. Arm/disarm in the Ajax app and check the area status in ETS Group Monitor. Send Arm ON / OFF from KNX, check the Ajax app.

No connection or no updates?

Connected LED off: check internet (outgoing TCP 7443 allowed), the Hub ID and the invitation (local SIA: gateway IP, port 2410, SIA key). Zones report only when armed or in Night Mode; Always Active also triggers alarms while disarmed. With groups, send Partial Arm OFF to exit Night Mode. Forgotten password: press P 4 times within 30 s (factory reset).

Manuals & ETS application **elausys.com/support**