

Adquio KNX Gateway

Integrate KNX into the Adquio ecosystem



Base equipment: Adquio Mini platform

Category: ADQUIO · GATEWAYS

DESCRIPTION

Adquio KNX Gateway connects a KNX/IP installation to Adquio through a local gateway. Visualize telegrams and associate group addresses with devices and variables.

Synchronize statuses, setpoints, and commands in both directions. Configure UDP Tunneling or multicast Routing and manage the gateway from your browser.

FEATURES



KNX/IP connection

Detect KNX/IP interfaces and configure UDP Tunneling or multicast Routing before saving the connection.



Visible telegrams

Check time, type, source, group, and value. Filter activity and identify associated addresses.



Editable associations

Select the DPT and link each group address to an Adquio device and variable.



Both directions

Choose the direction of each association and protect communication from echoes between KNX and Adquio.



Users and backups

Manage administrator and user roles. Import and export associations in JSON or save a complete backup.

WHO IT'S FOR



Integrators and installers

Integrate KNX into Adquio and simplify commissioning with visible telegrams and editable associations.



Technical maintenance

Check connections, values, and errors to review the integration and restore its configuration.



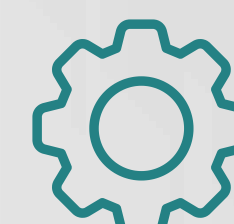
Building management

Integrate KNX statuses and commands into Adquio while preserving the existing bus structure.



Commissioning

Test the connection, observe telegrams, and link group addresses from a single interface.



Local operation

Manage the gateway from the local network, with a recovery IP and a manual integrated in 13 languages.



Service continuity

Maintain recent history and synchronization status after a reconnection or restart.



Is this product part of your project?

Contact us and we will prepare the complete technical proposal for you.



WHEN TO CHOOSE ADQUIO KNX GATEWAY

Adquio KNX Gateway connects a KNX/IP installation to the Adquio ecosystem through a local gateway. It centralizes configuration, telegrams, and associations without modifying the bus structure. Choose Adquio KNX Gateway when your project includes any of these scenarios:

→ **Integration of a KNX/IP installation**

The installation must connect to Adquio via UDP Tunneling or multicast Routing.

→ **Validation of telegrams and associations**

Staff need to check groups, values, DPTs, and addresses associated with Adquio.

→ **Bidirectional synchronization**

The project requires defining whether each association communicates from KNX to Adquio, in the opposite direction, or in both directions.

→ **Local work without Internet**

The gateway must be configured and consulted from the local network browser whenever necessary.

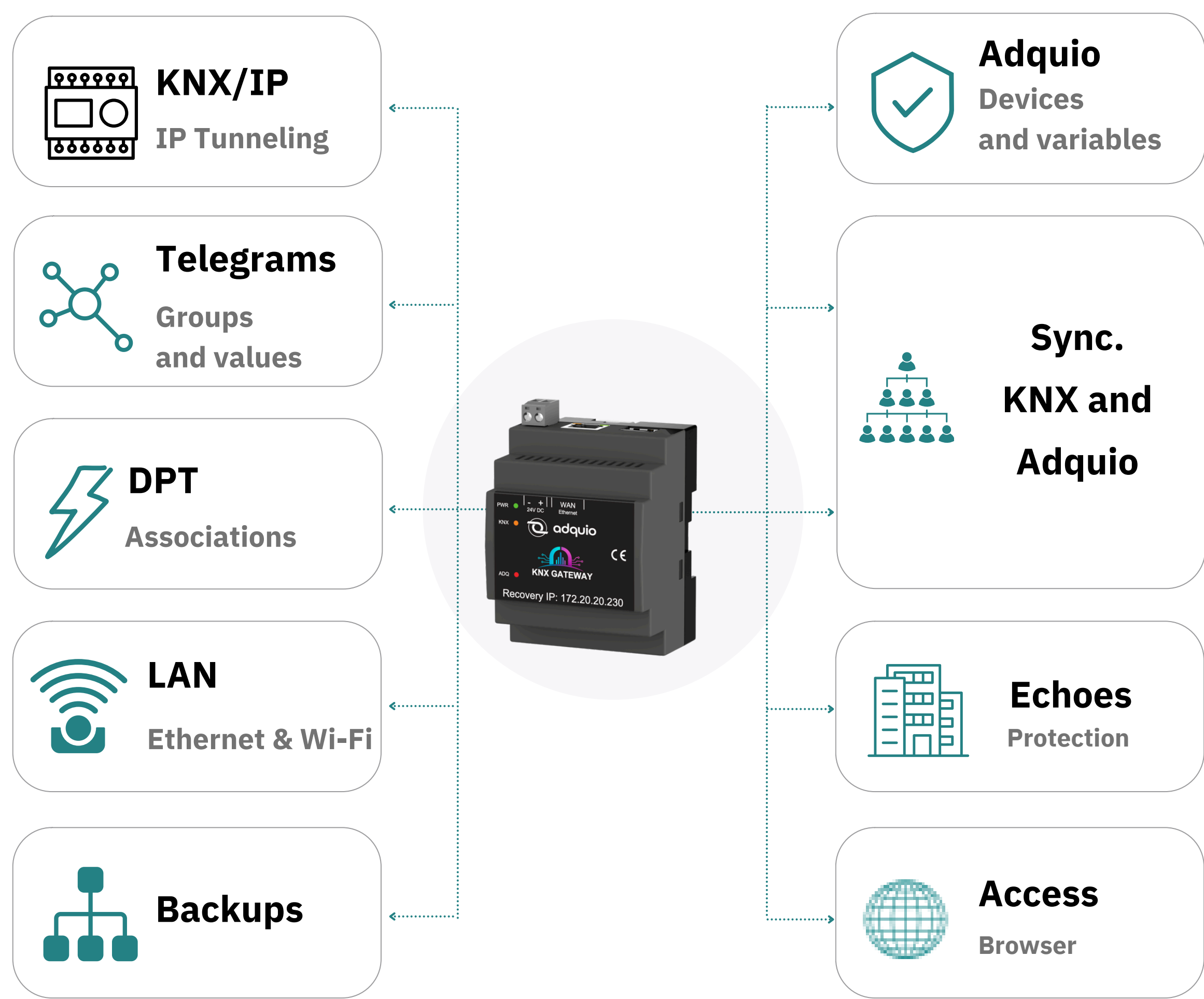
→ **Users and backups**

The installation requires access roles and the export or restoration of associations and the complete configuration.

→ **Recovery and continuity**

The equipment needs to retain its configuration and resume synchronization after reconnections or restarts.

TYPICAL ARCHITECTURE



TECHNICAL SPECIFICATIONS

Base unit	DIN rail 4 modules
Power supply	24 V DC nominal · 28 V DC max.
Dimensions	70 × 90 × 56 mm
Ethernet	1 Ethernet 10/100 Mb/s
Wi-Fi	2.4 GHz
Processor	Quad-core ARM Cortex-A7
Memory	512 MB DDR3
Storage	16 GB MMC
Operating temp.	0 to +60 °C; DIN rail
Integration	KNX/IP and Adquio ecosystem. Groups, variables, and devices.
Protection	IP20
Enclosure	Dark gray ABS UL-94-HB
Interface	Local browser · 13 languages. Integrated manual.



Local gateway



Visible telegrams



Adquio ecosystem



Technical support and guidance

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