

HYPERVISU SERVER · DATASHEET

The Universal Bridge for Smart Buildings

One server, One Platform, Limitless Connections.



PRODUCT OVERVIEW

HyperVisu is a visualization and control server that unifies KNX, Home Assistant, Modbus TCP, HTTP/REST, Node-RED and GRAFANA into one cohesive ecosystem. Built for integrators, it turns isolated building systems into a single intelligent platform — controllable from a native iOS/Android app, the web, or remotely via secure access. Fully integrated with Elausys' ElauPro, it deploys in hours.

KEY FEATURES

Native Mobile App iOS & Android real-time control of lighting, blinds, HVAC, scenarios, cameras and energy data.	KNX Bridge Make any device behave like a native KNX participant — Home Assistant, Modbus, HTTP/REST,...	Smart Automations & Scenarios Create seamless multi-protocol automations triggered by time schedules, astronomical events, devices states and or from KNX telegram triggers.
Home Assistant In one click, Run Home Assistant on the server and get access to thousands of integrations with full KNX integration thanks to the KNX Bridge.	Node-RED · InfluxDB · Grafana Custom logic, historical storage and professional dashboards built in.	Remote Access + ETS End-to-end remote access; bus monitor history and ETS programming installations remotely.

VARIANTS

HyperVisu Home 2 GB RAM Ideal for HyperVisu application with KNX and a few Home Assistant integrations	HyperVisu Pro 4 GB RAM Best for HyperVisu application with KNX and several Home Assistant integrations	HyperVisu Max 8 GB RAM Best for HyperVisu application with KNX and larger Home Assistant integrations or projects
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INTEGRATION ECOSYSTEM

KNX	Home Assistant	Modbus TCP	HTTP / REST	Node-RED	Grafana
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TECHNICAL SPECIFICATIONS

Form factor	DIN-rail, 4U width	Integration	KNX · Home Assistant (built-in) · Modbus TCP · HTTP/REST · Node-RED
Power supply	24 V DC	Database	InfluxDB (historical data)
Network	Ethernet RJ45	Dashboards	Grafana (built-in)
Default IP	192.168.1.60	Logic engine	Node-RED (built-in)
KNX connection	External KNX IP Interface (UDP / Multicast)	Client access	iOS · Android · Web