

Sona Home

Automation Server · residential and small-scale projects

Sona Home is an automation server for residential and small-scale projects. It brings different field systems together on one platform; logic, schedules, visualization and data logging all run on the server. It occupies 3 DIN modules in the panel, runs without an internet connection and carries up to 3,500 data points.

PROCESSING CAPACITY

Processor	Standard
Data points	Up to 3,500 data points

PHYSICAL INTERFACES

KNX/TP	1
Ethernet (RJ45)	1
RS-485	1
RS-485 / RS-232	1 (switchable in software)
USB 2.0	1

POWER

Power supply	24 V DC (terminals)
Power consumption	1 W (minimum, no external load)

CONNECTIONS

KNX bus	Bus connection terminal, 0.8 mm ²
Power and I/O ports	Screw terminals, 0.8 – 1.5 mm ²

INDICATORS

LED 1	Green: system load
LED 2	Green: normal operation · red: reset

ENCLOSURE AND MOUNTING

Mounting	DIN rail
DIN module width	3 modules
Dimensions (W × H × D)	54 × 112 × 61 mm
IP degree of protection	IP20
Net weight	108 g

STANDARDS COMPLIANCE

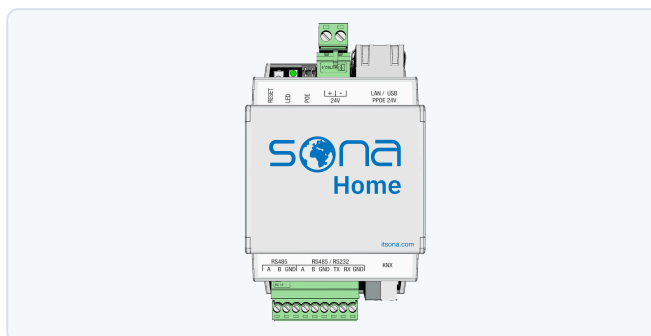
EMC	EN61000-6-1 · EN61000-6-3
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ENVIRONMENT

Operating temperature	0 °C ... +45 °C
Storage temperature	-15 °C ... +55 °C
Relative humidity	0% ... 93% (non-condensing)

COMMERCIAL

Warranty	2 years
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- **Seamless integration**
Interconnects KNX, Modbus, BACnet, MQTT and other automation protocols.
- **Low-power and scalable**
Optimized for low energy use. Ideal for residential, commercial and industrial deployments.
- **Third-party services and voice control**
Compatible with Amazon Echo, Apple HomeKit, Google Home and other third-party services.
- **Web interface**
Modern visualization on PCs and touch devices with real-time control and monitoring.
- **App store and extensibility**
Install prebuilt applications or create your own for specific use cases.
- **Logic built with visual tools**
Logic, schedules and scenes are built with visual tools; when needed you write your own logic.
- **Remote KNX bus access**
The whole system is managed remotely; KNX device programming needs no site visit.
- **Privacy-oriented**
Fully operational without internet access; no telemetry or user data collection.
- **Many languages**
The interface is used in many languages, including right-to-left scripts.

USE CASES

Residential Hotel Office and commercial Retrofit

Directly connected protocols:

KNX · BACnet · Modbus · MQTT · SNMP · HTTP/REST · DMX512

Through a gateway: DALI · Zigbee · Z-Wave · M-Bus · EnOcean