Sona Zigbee Gateway

Gateway · connects Zigbee devices to the automation server

Sona Zigbee Gateway connects wireless Zigbee devices to a Sona automation server. It occupies 2 DIN modules in the panel, connects to the server over RS-232 and carries up to 50 Zigbee devices per gateway. Commissioning, maintenance and monitoring are handled by the Zigbee application installed from the app center; the included external antenna extends coverage.

PHYSICAL INTERFACES

RS-232	1

RADIO INTERFACES

Zigbee	1 (antenna included)

CAPACITY

Device count	Up to 50 Zigbee devices per gateway

POWER

Power supply	24 V DC
Power consumption	0.1 W (minimum)

CONNECTIONS

Antenna	SMA connector
Power supply and RS-232	Screw terminals, 0.8 – 1.5 mm²

INDICATORS

LED 1	Power indication
LED 2	Network state

ENCLOSURE AND MOUNTING

Mounting	DIN rail
DIN module width	2 modules
Dimensions (W × H × D)	36 × 105 × 61 mm
IP degree of protection	IP20
Net weight	100 g

STANDARDS COMPLIANCE

EMC	EN61000-6-1 · EN61000-6-3

ENVIRONMENT

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

COMMERCIAL

Warranty	2 years

- **Scale with ease**
  Supports up to 50 Zigbee devices per gateway.
- **Commissioning through an app**
  Commissioning, maintenance and monitoring are handled by the Zigbee application installed from the app center.
- **Improved coverage**
  The included external antenna extends wireless range.
- **Alongside other protocols**
  Runs in the same project as KNX, Modbus, BACnet and MQTT through the automation server.
- **Low power**
  0.1 W minimum consumption; suitable for residential, commercial and industrial installations.
- **Privacy-oriented**
  Fully operational without internet access; no telemetry or user data collection.

USE CASES

Residential · Hotel · Office and commercial · Retrofit

Server connection: **RS-232**
Works alongside, through the server: **KNX · BACnet · Modbus · MQTT · SNMP · HTTP/REST**