


## Gira One server



Specification	Order No.	Packing unit	PS	EAN
	2039 00	1	25	4010337114062

## Features

- Start-up server for up to 200 Gira One devices.
- Visualisation server for mobile end devices (iOS and Android).
- Gira Smart Home App also available for PCs with Windows operating system.
- Devices that can be viewed in the Gira Smart Home App: Switches, dimmers, garage doors, door openers, blinds, awnings, skylights, roof domes (with and without positioning), floor heating (electric), floor heating (water-fed), radiators (electric), radiators (water-fed), floor heating/cooling (water-fed), heating/cooling requirement notifications, binary state (on, off) displays, decimal state (actual temperature) displays
- Group control (switches, dimmers, garage doors, door openers, blinds, awnings, skylights, roof domes), scenes, IP camera, Sonos audio control, Philips hue, eNet SMART HOME.
- Automatic project documentation.
- Automatic end-user documentation.
- Up to 250 devices can be controlled for each project via the Gira Smart Home App.
- Up to 250 timers, each with 10 timer points, can be set by the user in the app.
- Up to 62 users can be created in user management.
- Occupied-home simulation with the simulation starting according to the day.
- Connection to Sonos with a maximum of 8 Sonos rooms incl. assignment and selection of favourites.
- Connection to Philips hue with a maximum of 30 hue consumers or a maximum of 5 hue bridges.
- Connection of up to 20 IP cameras.
- Connection of an eNet SMART HOME server with a maximum of 100 eNet switching, dimming and shading devices.
- Simultaneous access to the Gira One server from 100 mobile devices.
- Access to multiple profiles in the Gira Smart Home App (Gira One, Gira X1).
- Readout of current project via GPA.
- Project backup: A copy of the project automatically saved to the Gira One server.
- Regular functional upgrades and updates available with free of charge firmware and software updates.
- Two RJ45 jacks with switch functionality support simple loop-through of the patch cord.
- Based on the globally proven and Smart Home Standard KNX.

## High security:

- Integrated, secure remote access function for Gira Smart Home App.
- Integrated, secure remote maintenance function with Gira Project Assistant.

- The device password protects the Gira One Server against unauthorised access.
- Encrypted TLS data transfer between the Gira Smart Home App and the Gira One server, as well as between GPA and the Gira One server prevents interception by third parties.
- Encrypted bus communication (KNX Data Secure) between Gira One devices and the Gira One Server protects against unwanted access and manipulation of the Smart Home by third parties.

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## Technical data

Gira One Medium:	Twisted pair (TP), YCYM 2 x 2 x 0.8
Test voltage:	4 kV (KNX/EIB bus line)
Rated voltage:	DC 24 to 30 V
Power consumption:	2 W
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Supported protocols:	DHCP, AutoIP, TCP/IP, UDP/IP
Connections:	IP: 2 x RJ45 jacks
Connections:	Gira One bus: Connection and junction terminal
Ambient temperature:	0 °C to +45 °C
Current consumption:	70 mA

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## Notes

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