Gira One server

Specification	Order No.	Packing unit	PS	EAN
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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 a Gira 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).
- Time-saving commissioning:

- Project planning and start-up take place via the new Gira Project Assistant (GPA version 5 and higher). The Gira Project Assistant is available free of charge in the Gira download area.
- Assistance-guided step-by-step project planning allows for very simple start-up of the Gira One system.
- Offline start-up with GPA: Prepare at your desk, even if you don´t have the devices yet. On-site installation at the customer´s premises once the devices have been installed.
- Quick project changes and updates during operation without the need to resart the device.

Illustrations are similar and may deviate from originals.

GIRA Data sheet

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- 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 a switch function help make looping the patch cord straightforward.
- 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.

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

Notes

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