

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-customer documentation.
- Integrated diagnostic function:
 - bus monitor to control devices and electrical loads.
 - Telegram monitor with ring memory for storing up to 500,000 telegrams.
- 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.
- Intuitive app user interface that can be adapted by the user:
 - Individual favourites area.
 - Easy configuration of timers and scenes.
 - Easy adaptation of functions and rooms (sorting, inscriptions, symbols, parameters, room and trade assignment).
 - More than 400 symbols are available to customise the display.
 - Temperature display in the header (indoor and outdoor temperature).
 - NFC tag for calling up individual scenes.
 - Automatic location detection via GPS for the astro function.
 - Enable and activate remote access for other users.
 - Enable remote maintenance for electricians.
 - User administration incl. administration of access rights for individual users.
 - PIN protection for system settings within the Gira Smart Home App.
 - The device password for the Gira One server can be changed via the Gira Smart Home App by the administrator.
 - Up to 50 scenes, each with 64 scene variants.

Illustrations are similar and may deviate from originals.

- Access to multiple profiles in the Gira Smart Home App (Gira One, Gira X1).
- Time-saving start-up:
 - 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 restart the device.
- 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.
- VDE certificate "Smart Home – Information Security Tested".

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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Dimensions

Modular width (MW):	2
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