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Gira FacilityServer



Specification	Order No.	Packing unit	PS	EAN
[redacted]	2075 00	1/20		4010337051817

Gateway for the KNX installation, specifically matched to the demanding requirements in the commercial sector. With the Gira FacilityServer, systems and building functions can be networked intelligently with each other and the entire KNX installation can be monitored, controlled and programmed centrally from a PC. Access and monitoring of the building and system technology from outside is also possible by connecting to the Internet. Also serves as a data server for higher-level facility management systems, to which it provides stored consumption and operating data for evaluation. It offers the complete functional range of the Gira HomeServer, but is equipped with considerably more memory capacity for its use in the commercial sector. This enables considerably larger amounts of data to be stored and more complex, more extensive visualisations to be created. Several Gira FacilityServers can be networked in order to interconnect buildings which are spatially separated from each other: Local and higher-level applications can be combined. In addition to a PC, access is also possible via other Internet-capable devices connected to LAN, WLAN, or the internet. As a result, KNX functions can be controlled and regulated anywhere. The Gira HomeServer app can be used as convenient operating devices. The app is available from the Apple App Store and Google Play Store and can be used on smartphones and tablets.

Features

- Can be updated.
- Installation in 19" rack. A 19" insert with an aluminium plate is included with delivery for this. Can also be used as a stand-alone device.
- Management of 200 users. Multiple logins possible under a single user name.
- Archiving of projects with your own content, e.g. floor plans etc.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hours meters, fill levels).
- Graphic user interface: Visualisation of building and device statuses with freely positionable icons and text. Storage of customised images and menu structures for each user group.
- Evaluation of IP cameras: Recording of images and playback in the visualisation. Forwarding of the image data via e-mail and FTP. Country-specific requirements must be taken into account, in particular protocol-specific information and standards in the area of communications.
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up of light scenes.
- Time clocks, weekly program, public holiday calendar.
- Fault messages, measured values and sensor or actuator statuses can be sent by push notification and e-mail. Acknowledgement via KNX.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Transmitting ASCII texts.
- IP coupling with products from other manufacturers that generate or edit IP telegrams for control.
- Low-wearing.
- Graphic logic editor: Enables module groups to be copied across projects, for example, or any number of work sheets to be created. More than 150 predefined logic nodes are available. The logic online test has been enhanced to include the recording of the start sequence.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of OPC or directly from the knxproj file. Import and export of communication objects as CSV file.
- Universal time clock: Several switching points per clock possible, as well as tracking of switching states. Use of placeholders for day, month, year. Activation/deactivation via communication object. With Astro and random function.
- Data backup/restoration of retentive data.
- 14-byte KNX texts: Evaluation by comparison with text string. Use in push notification, e-mails, status page.
- Receipt of IP telegrams: Specification of an address range, extraction of 14-byte KNX texts, assignment to 14-byte KNX texts.

Illustration: software and web visualisation, programming

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Technical data

Connection options	
- Serial port:	1 x RS232
- Network:	1 x RJ45, 10/100/1,000 Mbit Ethernet
- KNX system:	via IP router for KNX, USB data interface
- USB:	2.0 type B
Power consumption:	approx. 15 W
Ambient temperature:	0 °C to +45 °C
Dimensions	
- W x H x D:	483 x 88 x 270 mm

Notes

- Further information:www.gira.de/facilityserver.
- Technical information may vary or be modified depending on version. The scope of performance may also vary between individual clients (QuadClient, iOS app, Android app).
- Recommended system requirements for operating devices: The internet browsers on any operating devices must support HTML5, JavaScript (ECMAScript 2018) and CSS as a minimum.
- Gira FacilityServer expert software for operating systems from Windows 10, including Microsoft Edge, Google Chrome and Firefox.
- Transfer of ETS group addresses from ETS 3, 4, 5, and 6.
- Integration of graphics programs.
- The Gira AppShop is the marketplace for interesting solutions and applications in intelligent building technology. There are now more than 200 apps available, including application descriptions, plug-ins, function templates, logic nodes and sample projects. Discover applications for the Gira FacilityServer now.www.appshop.gira.de/en.

Scope of supply

- Mains cable, Gira FacilityServer with temperature-controlled fan in a 19-inch insert (48.26 cm) with aluminium panel are included with delivery.
