

Order no.	Packing unit	PS
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Gira HomeServer 3

Instabus KNX/EIB
Gira HomeServer 3

Gira HomeServer 3	0529 00	1	05
Data interface			
cream white glossy	0504 01	1	06
pure white glossy	0504 03	1	06
pure white matt	0504 27	1	06
anthracite	0504 28	1	06
colour aluminium	0504 26	1	06
Bus coupler 2	0645 00	1/5	06

Gateway for the Instabus KNX/EIB installation, primarily matched to the needs of buildings in the private sector. This turns the Gira HomeServer 3 into an on-board computer that assumes the networking of modern buildings and their technical equipment internally and with the outside world.

Operation is carried out via state-of-the-art communication media. In addition to a PC, access can also be carried out via other Internet-capable devices connected to a LAN, an in-house WLAN or the Internet. As a result, the Instabus KNX/EIB functions can be controlled and regulated anywhere: The Gira SmartSensor, Gira SmartTerminal and ServerClient 15 are also suitable as comfortable operating devices for the Gira HomeServer 3.

Due to the software architecture, the HomeServer is protected against attacks from the Internet. The high security standard is supplemented, among other things, by an authentication system in which a telephone number, user name and PIN are requested. The different security levels can be individually configured depending on the access environment. The Gira HomeServer 3 contains the full range of functions of the previous HomeServer 2 Net.

Some other functions:

- Can be updated.
- Management of 200 users. Multiple login possible under one user name.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hour meters, fill levels). Graphic display.
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of own pictures and menu structures per user group.
- Evaluation of IP cameras, e.g. from Mobotix: Recording of pictures and display in visualisation. Forwarding of the picture data via e-mail and FTP. In the process, country-specific requirements must be taken into account, especially protocol-specific information and standards in the communication sector (e.g. ISDN, SMS etc.).
- 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 light scenes.
- Time delay switches, week programme, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by SMS and e-mail. Acknowledgement via EIB or phone.
- Switching via phone call.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Sending of ASCII texts to the info display 2.
- IP coupling with products of other manufacturers that generate or process IP telegrams for control.
- Low-wearing, as no moving parts such as fan or hard disk.
- Graphic logic editor: Allows, for example, copying of module groups across projects, creating of any number of work sheets. More than 80 logic blocks.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of OPC file. Importing and exporting of communication objects as a CSV file.

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- Universal time clock: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With astro and random function.
- Data backup/restoring of retentive data.
- 14-byte EIB texts: Evaluation through comparison with text string. Use in SMS, e-mails or status page.
- Receipt of IP messages: Specification of an address range, extraction of 14-byte EIB texts, allocation to 14-byte EIB texts.
- SNMP: Reading out numeric and 14-byte EIB texts. Setting numeric and integer values and texts. Transmitting SNMP traps via HomeServer command. Optional ColdStart trap when starting HomeServer.
- Operation/status display via Agfeo telephone system.
- Bus access also via EIBnet/IP protocol.
- Evaluation of web-based IP devices (reading/writing).
- iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. HomeServer continues to run without restriction during programming via iETS. Switching processes continue to be carried out. Process image remains current.
- Additional information: www.gira.de/homeserver
- Technical information may vary or change depending on version.

System requirements for operating devices:

Internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS and Dynamic HTML. With WAP, WAP standard 1.1 is supported, however not all functions, e.g. universal time clock, can be operated.

Connection options:

- 1 serial interface.
- 1 RJ 45 network connection, 10/100 Mbit Ethernet
- On the Instabus system via flush-mounted bus coupler 2 **0645 00**, FT 1.2 data interface **0504 ..**, IP router **1030 00**.
- ISDN modem integrated (1 x EURO-ISDN-S0 RJ45 for direct connection to the NTBA or S0 of the phone system).

Software commissioning:

- HomeServer Expert for operating systems from Windows XP™ including Internet Explorer from Version 6.0.
- Adoption of the ETS group addresses from ETS 2 and ETS 3.
- Inclusion of graphics programs.

Scope of supply:

- Power supply unit with connection cable, ISDN connection cable, null modem cable, brief instructions, HomeServer 3.

Protection type: IP 20
 Operating temperature: 0 °C to +40 °C
 Power consumption: approx. 15 W
 Dimensions: W x H x D 215 x 88 x 270 mm

Data interface FT1.2 0504 .. → Page 328.

Bus coupler 2, 0645 00 → Page 350.

RS 232 connection line 0906 00 → Page 356.

UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 290.