

## Gira S1

| Specification | Order No. | Packing unit | PS | EAN           |
|---------------|-----------|--------------|----|---------------|
| DRA           | 2089 00   | 1            | 25 | 4010337035374 |

## Features

- Secure remote access by Gira Smart Home App, Gira HomeServer App and Gira Security System iOS or Android App.
- Secure remote access to web-based visualisations.
- Secure remote maintenance and remote programming of the Gira HomeServer, Gira G1, Gira X1, Gira L1, Gira DCS IP data interface.
- Secure remote maintenance via the Gira HomeServer Expert.
- Secure remote maintenance via the Gira Project Assistant (GPA).
- Secure remote maintenance of KNX projects via ETS. The programming and diagnosis is supported via a group and bus monitor.
- Gira HomeServer connected to the KNX bus via KNX Secure tunnelling.
- Secure remote access to HTML pages in the Smart Home network.
- Secure remote access via OpenVPN to other devices (e.g. telephone system, camera systems, network devices).
- Simple set-up of the VPN connection via the Gira device portal.
- Full KNX Secure support.
- Secure data transfer courtesy of SSL/TLS encryption.
- Secure remote maintenance and secure remote access via VPN.
- Simple set-up of the VPN connection via the Gira device portal.
- Push notifications sent to the Gira Smart Home App.
- Secure tunnelling connection support between Gira HomeServer and Gira S1.
- Recording of up to 200 KNX data points and displaying the recorded data in line graphs.
- Devices with index level I02 and firmware version 7 and above are available for recording data points and displaying graphs. The graphs can also be shown via the Gira Smart Home App, among other things.
- No graph display on the Gira G1.
- Portal server is located in Germany and is subject to German laws on data.
- Independence from internet provider and routers used. Secure remote access even with IPv6 Dual Stack Lite – (e.g. with Vodafone), LTE, or UMTS connections.
- Access management of the secure connections via KNX communication objects, Gira Smart Home App, Gira HomeServer App and QuadClient.
- Use as KNX clock.
- Recording of KNX telegrams on microSD card.
- Status signalling of the secure connections via KNX communication objects, Gira Smart Home App, Gira HomeServer App and QuadClient.
- Send information via push notifications to the Gira Smart Home App.
- Send notifications via e-mail. An attachment can be added to the e-mail, as an option.
- Send messages via SMS or queryable call via the fee-based additional service seven.io or MessageBird.
- Notification triggers can be configured individually (filters, conditions, hysteresis).
- Supports up to 50 notifications.

- Optimised KNX IP communication, for mobile or very slow connections.
- The Gira S1 is required for secure communication between Gira X1 and the Amazon Alexa and Google Assistant.
- Supports accelerated transmission from the ETS to KNXnet/IP devices via a direct KNX IP connection.
- Two RJ45 jacks with a switch function help make looping the patch cord straightforward.
- Quick and convenient Gira S1 start-up via the Gira device portal.
- 2 GB of data each month.
- Unlimited operating life and 5 years guaranteed server operation.
- Functional expansions and updates via firmware and software updates.
- Firmware is updated via the Gira Project Assistant (GPA) or the device website.

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## Technical data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| KNX medium:                     | TP256                                 |
| Rated voltage:                  | DC 24 to 30 V                         |
| Power consumption:              | 2 W                                   |
| IP communication:               | Ethernet 10/100 BaseT (10/100 Mbit/s) |
| Connections                     |                                       |
| - IP:                           | 2 x RJ45 jacks                        |
| - KNX:                          | Connection and junction terminal      |
| Ambient temperature:            | 0 °C to +45 °C                        |
| KNX:                            | TP1, S mode (ETS)                     |
| microSD card                    |                                       |
| - for KNX data logger function: | up to 1 TB (SDXC)                     |

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## Notes

- Power supply via external DC 24 V or via unchoked output of the Gira power supply for KNX.
- microSD card not included in delivery.
- A KNX system is required to send notifications (push notifications, emails, SMS or voice messages).

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## Dimensions

|                     |   |
|---------------------|---|
| Modular width (MW): | 2 |
|---------------------|---|