



Order number: S106-5551920-VA
Manufacturer: GIRA

ab **€1,259.00 ***

incl. VAT [plus shipping costs](#) (exclusive of VAT for logged-in users with VAT ID and Non-EU countries)



Gira System 106 Keyless In fingerprint module

The GIRA fingerprint module as a professional biometric access control system based on new-generation area scan technology. Start-up and user management is carried out via the Gira Keyless In App.

- Use as a stand-alone device with Gira TKS switching actuators or in combination with the Gira door communication system as a door call system for buildings with several residential units.
- Scanning of the lowest skin layer via high frequency. High detection rate and manipulation security.
- Evaluation of the unique characteristic features of the living human finger.
- Up to 99 fingers can be managed by the fingerprint reader.
- Reliable recognition of fingers that have been slightly injured during gardening, for example (only the top layer of skin has been injured).
- Data protection through encryption procedures.
- Fast response time from finger placement to release: up to 30 stored fingers approx. 1 s, up to 99 stored fingers approx. 3 s.
- Night design of the fingerprint area for orientation by means of white LED illumination.
- 360° resting of the finger possible.
- 3-colour LED status display for visual signalling during programming and operation.
- Master PIN number on enclosed sealed security card if the administrator finger is no longer available. The unit can be factory reset with the enclosed security card.
- Acknowledgement buzzer for acoustic signalling for user or installer.
- Acoustic warning tone in case of unauthorised removal of the fingerprint unit for sabotage detection. Sabotage switching with switching actuator in the door communication system.
- Inputs and outputs: plug connector Connecting cable for Gira door communication system.

The System 106 can be used in single-family and multi-family homes, but also in residential buildings, industrial properties and hotels. The modular structure makes it possible to adapt the system individually to the respective requirements in terms of size, design and functionality. Extensions and modifications are easily possible at any time by exchanging modules. Even a simple change of front is possible with the system. This means that the appearance of the system can also be changed at a later date, e.g. from traffic-white to stainless steel, without having to change the electronic units at the same time.

Easy installation and step-by-step assembly

The system can be installed in different stages parallel to the construction progress. This makes it possible to initially install only the lower part of the surface-mounted housing during the shell construction; cables and modules can then be added when they are needed.

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Technical data

Power supply

System: via ribbon cable, 10-pole

2-wire bus: via control unit or via ZV (DC 24 V 300 mA)

Power consumption

Maximum: 1 W

Stand-by mode: 700 mW with lighting

Relay

Load capacity: AC/DC 24 V / 1.6 A

Connections

2-wire bus: 1 x plug-in terminal

ZV: 1 x plug-in terminal

System: 2 x plug-in terminal

ESD strength: approx. 15 kV

Environmental temperature: -25 °C to +70 °C

Ingress protection: IP54

Notes

With the TKS IP gateway, the Keyless In devices can be connected to the Gira HomeServer. This makes intelligent linking possible. For example, temporary or one-time access authorisations can be issued very easily. All data, including access authorisations, can then be managed centrally and flexibly via the Gira HomeServer.

Children's fingers can generally only be reliably detected from the age of 6 years.

Abmessungen & Details

Connection technology: 2-wire bus technology

Depth in cm:	2,0
Height in cm:	10,65
Width in cm:	10,65
Base material:	Stainless steel