Hub Jeweller

Control panel with Jeweller support (1 × SIM 2G, Ethernet)

Capacity

Wireless Ajax devices

up to 100

Specifically, up to 10 sirens or keypads with a built-in siren and 1 range extender.

More about devices ›

IP cameras or DVRs

up to 10

- Seamless integration with Dahua,
  Hikvision, Safire, EZVIZ, Uniview IP cameras, and DVRs,
- RTSP support.

Learn more ›

Users

up to 50

- Any number of admin users within the hub limit.
- PRO accounts for installers.
- PRO accounts for installation and monitoring companies.
- Access management for users.

Automation scenarios

up to 5

- Alarm reactions.
- Scheduled actions.
- Security mode changing reactions.

Learn more 〉

Hub does not support scenarios by temperature, humidity, and CO_2 concentration. Scenarios for comfort and productivity are available for other hub models.

Learn more 〉

Security groups

up to 9

Learn more 〉

Rooms

up to 50

Support for MotionCam detectors

unavailable

Compatibility

Range extenders

ReX Jeweller 〉

Opening detectors

DoorProtect Jeweller 〉

DoorProtect Plus Jeweller 〉

Water leak detectors

LeaksProtect Jeweller 〉

Glass break detectors

CombiProtect Jeweller ›

GlassProtect Jeweller ›

Motion detectors

CombiProtect Jeweller ›

MotionProtect Jeweller ›

MotionProtect Curtain Jeweller ›

MotionProtect Outdoor Jeweller ›

MotionProtect Plus Jeweller ›

Fire detectors

FireProtect Jeweller ›

FireProtect Plus Jeweller ›

FireProtect 2 RB (Heat/Smoke/CO) Jeweller* ›

FireProtect 2 RB (Heat/Smoke) Jeweller* ›

* for Hub with firmware version OS Malevich 2.15.4 or higher

Controls and panic buttons

Button Jeweller ›

DoubleButton Jeweller ›

KeyPad Jeweller ›

Ajax SpaceControl Jeweller ›

Sirens

HomeSiren Jeweller ›

StreetSiren Jeweller ›

StreetSiren DoubleDeck Jeweller ›

Integration modules

MultiTransmitter Jeweller ›

Transmitter Jeweller ›

Automation

Relay Jeweller ›

WallSwitch Jeweller ›

Smart plugs

Socket (type F) Jeweller ❯

Socket (type G) Jeweller ❯

Power supply units

12V PSU for Hub/Hub Plus/ReX ❯

Wireless communication

Jeweller communication technology

Proprietary wireless communication technology to transmit alarms and events.

Key features:
- Two-way communication.
- Advanced anti-sabotage.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote configuration via the Ajax apps.

Learn more ❯

Frequency bands

866.0 – 866.5 MHz
868.0 – 868.6 MHz
868.7 – 869.2 MHz
905.0 – 926.5 MHz
915.85 – 926.5 MHz
921.0 – 922.0 MHz

Depends on the sales region.

Maximum effective radiated power (ERP)

up to 20 mW

Featured automatic power control to reduce power consumption and noise interference.

Radio signal modulation

GFSK

Radio signal range

up to 2,000 m

Between the hub and connected devices (in an open space).
Maximum range depends on the connected device.

Learn more ›

Polling interval

from 12 to 300 s

Adjusted by PRO or user with admin rights in the Ajax apps.

Encrypted communication

All the data stored and transmitted are protected by block encryption with a dynamic key.

Frequency hopping

Used to prevent radio interference and radio signal interception.

Learn more ›

Recommendations

The device operating voltage is
110–240 V~.

Hub is designed for indoor installation only.

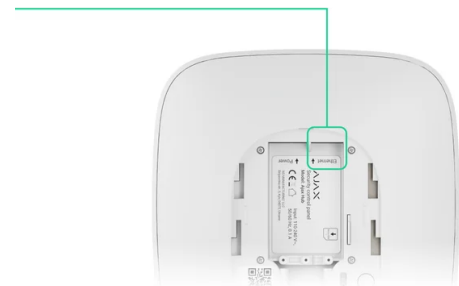## Communication channels

Ethernet

1 8P8C socket

Up to 100 Mbps.

Cellular

1 micro-SIM slot

Cellular bands

2G

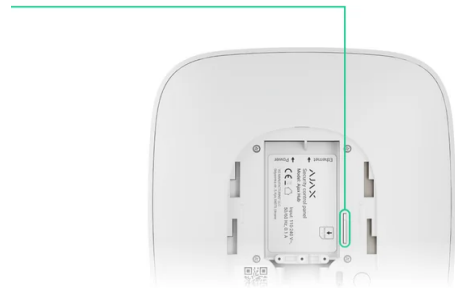GSM 850/900/1800/1900 MHz GPRS

Automatic switching between communication channels

Instant switching between Ethernet and SIM.

Communication channels prioritization

1. Ethernet
2. Cellular connection

Communication channels work in parallel, to increase system reliability.
Most of the data is transmitted via Ethernet.
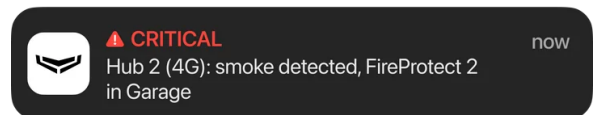
Notifications

Supported notification types

- Push
- SMS
- Calls

Learn more ❯

Event types

- Alarms
- Malfunctions
- Events
- Security mode changing

The notification types are configured individually for each user.

Monitoring

Supported protocols

- SIA (DC-09)
- SurGard (Contact ID)
- ADEMCO 685
- Other proprietary protocols

Learn more ❯

Event types

- System alarms and events
- Panic button coordinates

Learn more ›

Power supply

Main

110–240 V~, 50/60 Hz

Up to 10 W of mains power consumption.

Backup

Built-in backup battery: Li-ion 2 A·h

Up to 15 hours of offline operation when the Ethernet is switched off.

Alternative

12 V⎓

Connected via an alternative power supply unit 12V PSU for Hub/Hub Plus/ReX. 12V PSU is sold separately.

Learn more ›

Enclosure

Dimensions

163 × 163 × 36 mm

Weight

350 g

Operating temperature range

from −10°C to +40°C

Operating humidity

up to 75%

Protection class

IP20

36 mm

Colours

Black

White

Complete set

Hub Jeweller

SmartBracket mounting panel

Power supply cable

Ethernet cable

Installation kit

GSM start package (available not in all countries)

Quick Start Guide