



BASELINE

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.

IP cameras or DVRs

up to 10

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

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.

Hub does not support scenarios by temperature, humidity, and CO₂ concentration. Scenarios for comfort and productivity are available for other hub models.

Security groups

up to 9

Rooms

up to 50

Support for MotionCam detectors

unavailable

Compatibility

Range

extendersReX

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.

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.

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.

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

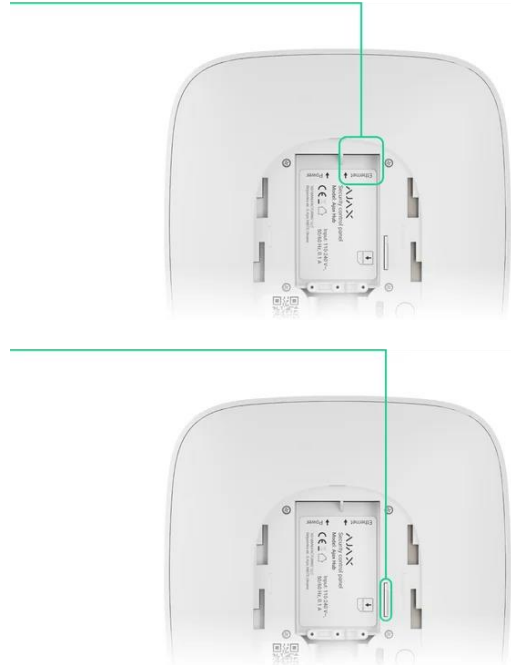
Instant switching between Ethernet and SIM.

Communication channels prioritization

1. Ethernet
2. Cellular connection

Communication channels work in parallel, to increase system reliability.

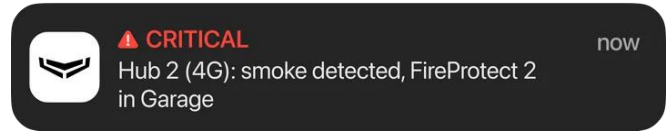
Most of the data is transmitted via Ethernet.



Notifications

Supported notification types

- ◆ Push
- ◆ SMS
- ◆ Calls



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



Colours

Black



White

