AJAX
Hub 2 Plus

Security system control panel

Hub 2 Plus

- **200** connected devices \ **100** cameras and DVRs
- **200** users
- **50** rooms \ **25** security groups
- **4** independent communication channels including LTE
- **5** connected ReX
- **64** scenarios
- **15** operation on backup battery
- Automatic software updates

Ethernet

LTE/3G/2G

Wi-Fi

Visual alarm verifications

Video streaming

Technology

Jeweller

- Connects devices up to 2,000 meters away
- Two-way communication
- Transmits alarms within 0.15 s
- Device polling period from 12 s
- Block encryption based on AES algorithm
- Detects radio jamming and interference
- Increases detector battery life

Wings

- Transmission of the animated image series
- Guaranteed data delivery

Hub 2 Plus

Instant communication

Hub 2 Plus features **4 independent channels** including **high-speed LTE**

This configuration allows you to connect the device **to 2 separate Internet providers**, while having **2 cellular services** ready for back up

Switching between channels happens seamlessly **in seconds**

> Reliable connection — guarantees prompt delivery of alarm signals

Hub 2 Plus

Ethernet LTE/3G/2G Wi-Fi

Security system control panel comparison

	Hub	Hub Plus	Hub 2	Hub 2 Plus
Devices	100	150	100	200
Cameras & DVRs	10	50	25	100
Range extenders	1	5	5	5
Users	50	99	50	200
Security groups	9	25	9	25
Scenarios	5	64	32	64
Visual alarm verification support	No	No	Yes	Yes
Communication channels	**2G** 1xSIM Ethernet	**2G/3G** 2xSIM Ethernet Wi-Fi	**2G** 2xSIM Ethernet	**2G/3G/4G(LTE)** 2xSIM Ethernet Wi-Fi

Resistant to sabotage

Device polling period from **12 s**

Detection connection loss with a hub in **60 s**

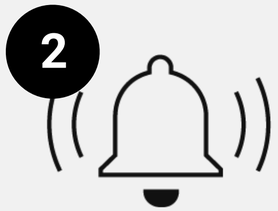
Operation on backup battery up to **15 hours**

A tamper alarm goes off when intruders try to **unmount the device**

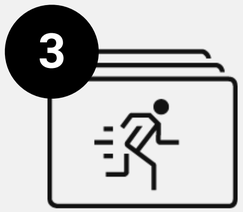
Alarm verification with photo in 9 seconds

Animated series of photos from MotionCam detectors are delivered **in seconds**, even with a loss of communication via Ethernet and Wi-Fi

Motion detected

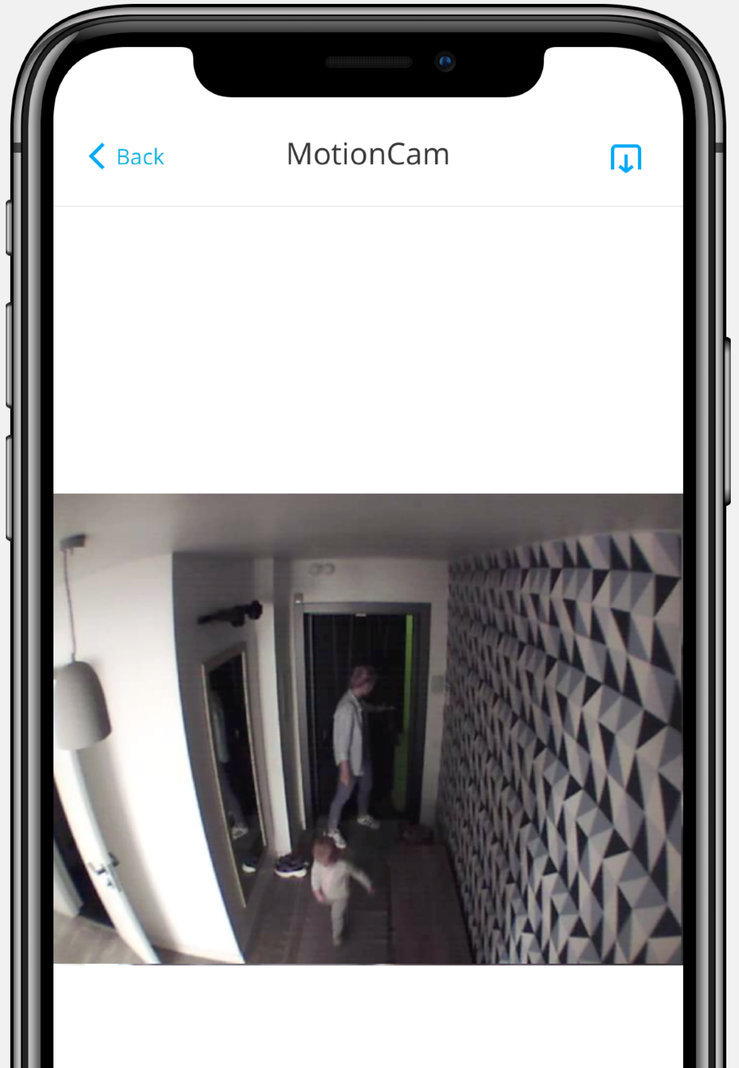


Alarm raised



Situation captured

Photo capture only when alarmed



Automated security

Examples of scenarios:

- Automatically arm and disarm the entire security system or certain groups by schedule
- Activate a smoke security machine in case of intrusion
- Cut power supply and turn on emergency lighting in case of fire
- Cut water in case of leakage
- Control lights, electric locks, and roller shutters - in response to security mode changes, alarm triggerings, or Button commands

Supports
64 scenarios

Alarm reactions

Security mode change reaction

Scheduled actions

Protection of large premises with complex internal organization

25
security groups

200
users

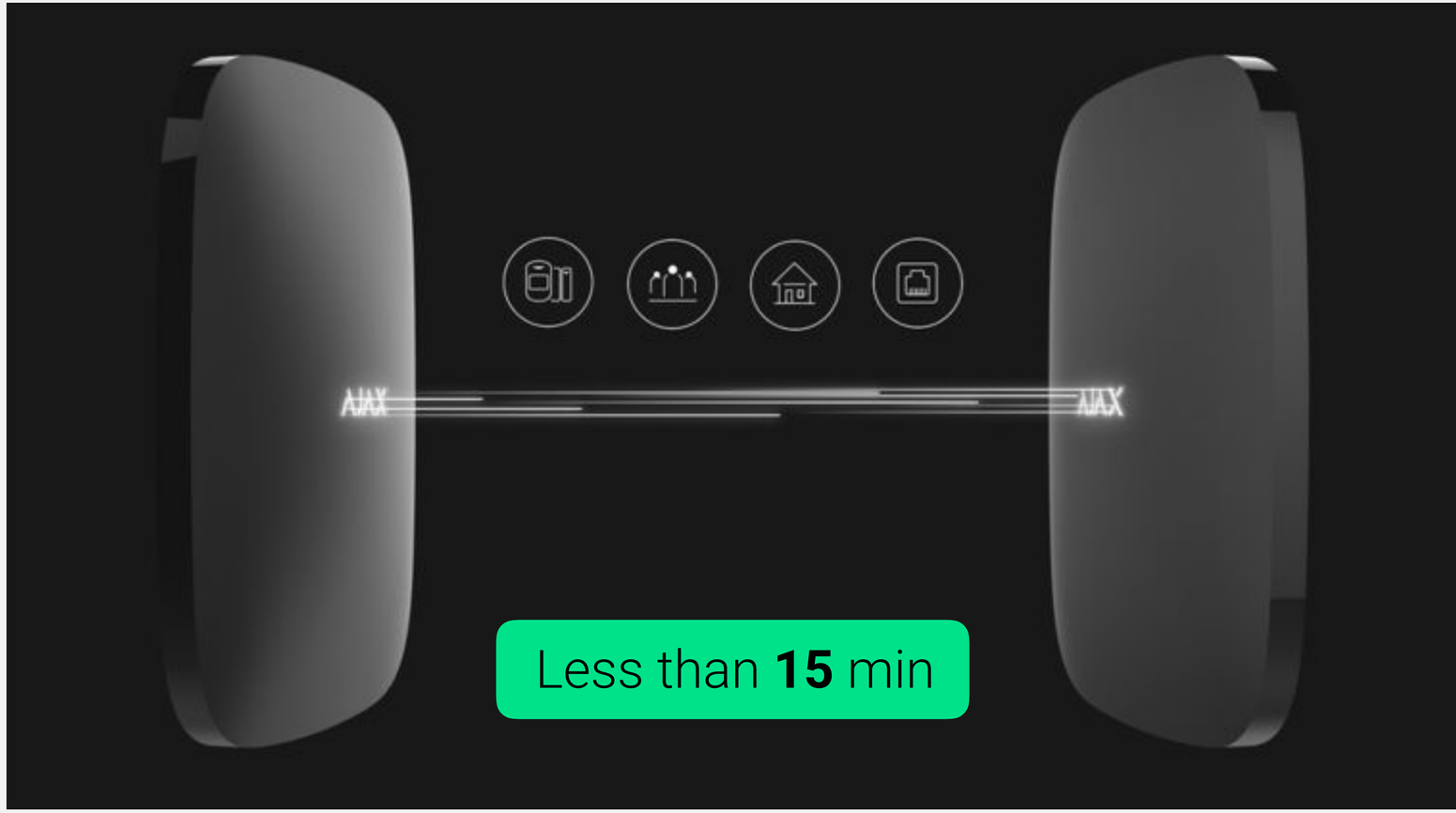
200
devices in the system

35 км²
maximum radio range coverage with 5 ReX

Seamless security system upgrade

The import feature allows **to migrate settings, connected devices, groups, scenarios**, and users from an old hub to Hub 2 Plus

*The feature is available for hubs that operate on OS Malevich 2.9 or later



Tech specs

Connected devices	**200**
Video surveillance support	**100** cameras and DVRs
Users / rooms	**200 / 50**
Security groups	**25**
Connected ReX	**5**
Communication channels	Two SIM-cards 2G/3G/LTE, Wi-Fi, Ethernet,
Alarm signals	Delivery time: **0,15 s** | Notification types: SMS, call, push-notification
Switching between 2G, 3G, LTE	Instant
Switching between the SIM-cards	4 minutes
Operating system	OS Malevich
Jeweller radio technology	Communication range with detectors — up to **2000 m** in an open space Two-way communication between devices Block encryption based on AES algorithm Detector polling period — **12-300 s** Frequency hopping
Wings radio technology	Transmission of visual confirmations Delivery verification of packages
Anti-sabotage	Forgery prevention, notifications about jamming, tamper to detect back lid opening and unmounting from SmartBracket

Thank you

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