Hub Plus

Second-generation intelligent control panel with four communication channels, a new powerful processor, tripled RAM capacity and doubled flash memory capacity. The Hub Plus monitors the operation of all Ajax detectors and instantly alerts the owner and the security company.

- Authentication to prevent forgery
- Jamming detection and communication channels encryption
- Tampering alarm

Uses Wi-Fi, Ethernet, WCDMA and GSM to send alarms to the Central Monitoring Station and the system's owner	Sends a notification in case of electrical power loss and operates for up to 16 hours from battery backup	Checks the functionality of detectors at least every 12 seconds

Protects large areas

The Hub Plus is designed to protect large facilities with a great number of rooms and people. New powerful processor and increased memory capacity have expanded the capabilities of the control panel: up to 150 detectors and 50 cameras can be connected to the Hub and you can add 50 users and create 25 groups for room security management.

- For home and apartment
- For office
- For shop and cafeteria

Uses all possible alarm transmission methods

The Hub Plus is the absolute leader in field in the number of communication channels: the control panel can be connected to the Internet via Wi-Fi, Ethernet, WCDMA, and GSM. Taken together, these functions ensure ultra-stable connection and instant alarm sending to the owner's smartphone and the Central Monitoring Station.

- Alarms via calls, SMS and push notifications
- Synchronized operation of all communication channels
- Direct connection with central monitoring stations

Increases stability by 4 times

The Hub Plus is equipped with a GSM module with two SIM-card slots that support 2G and 3G networks. Now you can use SIM-cards of two different communications providers without any risk of communications failures. The Hub instantly switches between 2G and 3G networks. If one SIM card does not respond, the second one is activated automatically.

Improved reliability

The Hub Plus makes it possible to use redundant Internet connection by connecting the central unit to networks of two independent communications providers: the main — via Ethernet, and the backup — via Wi-Fi. If connection of one provider fails, the hub will stay connected and continue monitoring the situation at the site.

Simplifies installation and set up

The Hub Plus has a Wi-Fi module now, so it is not necessary to lay a cable for connection to the router. The control panel is ready to operate straight out the box. It is set using the mobile application, and the detectors are connected with just one click. The device can be mounted in just a few minutes using the SmartBracket mount.

- Mounted in 5 minutes
- Placed in any room within a Wi-Fi signal range
- Mobile application for configuring and testing

Tech specs

Classification	Intelligent central unit of the security system with Wi-Fi and Ethernet modules, and dual SIM
Maximum number of devices connected to the hub	150
Video surveillance	Up to 50 cameras or DVRs Learn more >
Maximum number of users	99
Maximum number of rooms	50
Maximum number of groups	25
Mobile application	iOS 9.1 and later Android 4.1 and later
Communication channels	Ethernet Wi-Fi 2.4 GHz (802.11 b/g/n) 2G (850/900/1800/1900 MHz) 3G (WCDMA 900/2100 (B8/B1))
Alarm signal	Delivery time: 0.15 s Types of notifications: SMS, call, push
Switching between 2G and 3G	Instant
Switching between SIM cards	4 minutes
Communication with the CMS	Contact ID, SIA
Processor	ARM
Operating system	OS Malevich

	Learn more about firmware updates >
Power supply	Mains supply: 110–240 V Battery backup: Li-Ion 2 A· h Up to 16 hours of battery life when Ethernet and Wi-Fi connections are disabled Energy consumption from the grid — 10 W
Operating temperature range	−10°C to +40°C
Remote set up	+
Dimensions	163 × 163 × 36 mm
Weight	350 g
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty. Learn more >
Complete set	Ajax Hub Plus intelligent central unit SmartBracket mounting panel Power cable Ethernet cable Installation kit SIM cards (depending on region) User’s guide