

# AJAX

## HUB2+



Hub 2 Plus makes external communication stability absolute. It has 4 communication channels and supports LTE. Such configuration allows you to connect the device to two separate Internet providers over Ethernet and Wi-Fi while having two cellular services ready for back up. Switching between channels happens seamlessly in seconds.



Motion detected



Alarm raised



Situation captured

Photo verification is the future of the security industry. This technology is an optimal solution for both commercial and residential premises — it is accessible and built to respect privacy. Animated series of photos from MotionCam detectors allow users and CMS operators to evaluate the situation in action. But photo cameras are activated only in response to alarms, never by request.

Hub 2 Plus can manage up to 200 MotionCam detectors and deliver photo confirmations of alarms to users and alarm monitoring companies in just 9 seconds, even when it uses SIM cards for communication. Thanks to LTE support.



## Specification

Classification	Security system control panel with four in-built channels for external communication and support of detectors with photo cameras
Installation	Indoors
Connected Devices	200
Video surveillance	support 100 cameras and DVRs
Users	200
Rooms	50
Security groups	25
Connect ReX	5
Scenarios	64
MotionCam detectors support	+
Apps	iOS 11.0 and later, Android 4.4 and later
Communication channels	2 SIM cards 2G (GSM900/DCS1800 (B3/B8)) 3G (WCDMA 850/900/2100 (B1/B5/B8)) LTE (FDD B1/B3/B5/B7/B8/B20) Wi-Fi (802.11 b/g/n) Ethernet
Alarm signals	Delivery time: 0.15 sec Notification types: SMS, call, push-notification
Switching between 2G, 3G, LTE	Instant
Switching between the SIM-cards	4 minutes
CMS connectivity	CMS connectivity: Contact ID, SIA (DC-09) CMS software supporting visual alarms verification
Operating system	OS Malevich
Power supply	110-240 V with pre-installed battery 6 V with alternative 6V PSU power supply Energy consumption from the 110-240 V grid — 10 W
Built-in back-up battery	Li-Ion 3 A·h Ensures up to 15 hours of operation when using SIM card only
Jeweller radio technology	Communication range with detectors - up to 2,000 m in an open space Two-way communication between devices Operating frequencies - 868,0-868,6 MHz Self-adjusting RF output power - up to 25 mW 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
Operating temp range	From -10°C to +40°C
Anti-sabotage	Forgery prevention Notifications about jamming Tamper to detect back lid opening and unmounting from SmartBracket
Remote set up and testing	+
Dimensions	163 × 163 × 36 mm
Weight	351 g