

AJAX

Specification – House Kit-1 Plus



Classification	Intelligent central unit of the security system with Wi-Fi and Ethernet modules, and dual SIM
Maximum number of devices connected	150
Video surveillance	Up to 50 cameras or DVRs
Maximum number of users	100
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 (900/1800 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
Power supply	Mains supply: 110-240 Vac / Battery backup: Li-Ion 2A/h Up to 16 hours of battery life when Ethernet and Wi-Fi connections are disabled
Jeweller radio protocol	Communication range with central unit - 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 Device polling period - 12-300 s Frequency hopping
Operating temperature range	-10°C to +40°C
Remote set up	+
Dimensions	163x163x36 mm
Weight	350 g
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	<ul style="list-style-type: none"> ✔ 1 x Ajax Hub Plus intelligent central unit ✔ 2 x MotionProtect PIR ✔ 1 x DoorProtect Contact ✔ 2 x SpaceControl Keyfob ✔ 1 x Streetsiren external sounder ✔ 1 x HomeSiren internal sounder ✔ User's guide

AJAX

Specification – DoorProtect



Classification	Point magnetic and contact radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridge
Sensing element	Reed switch
Alarm signal delivery time	0.15 s
Activation threshold	Small magnet - 1 cm, Big magnet - 2 cm
Power supply	Battery: CR123A battery Power supply voltage: 3 V Battery life - up to 7 years
Jeweller radio technology	Communication range with central unit - up to 1,700 m in an open space Two-way communication between devices Operating frequencies - 868.0-868.6 MHz Self-adjusting RF output power - up to 20 mW Block encryption based on AES algorithm Device polling period - 12-300 s
Temperature sensor	Available
Operating temperature range	+5°C to +40°C
Permissible humidity	Up to 75%
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	Diameter: 20 mm Height: 90 mm
Weight	29 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	DoorProtect motion detector SmartBracket mounting panel Two Magnets External contact CR123A battery (pre-installed) Installation set User's guide

AJAX

Specification – MotionProtect



Classification	Electro-optical combined radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridge
Sensing element	PIR sensor
Alarm signal delivery time	0.15 s
Motion detection distance	Up to 12 m
Detection angles	Horizontal - 88.5° Vertical - 80°
Sensitivity	Adjustable, 3 levels
Recommended installation height	2.4 m
Pet immunity	Weight - up to 20 kg Height - up to 50 cm
Power supply	Battery: CR123A battery Power supply voltage: 3 V Battery life - up to 7 years
Jeweller radio technology	Communication range with central unit - up to 1,700 m in an open space Two-way communication between devices Operating frequencies - 868.0-868.6 MHz Self-adjusting RF output power - up to 20 mW Block encryption based on AES algorithm Device polling period - 12-300 s
Temperature sensor	Available
Operating temperature range	From +5°? to +40°?
Permissible humidity	Up to 75%
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	110x65x50 mm
Weight	86 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	MotionProtect motion detector SmartBracket mounting panel CR123A battery (pre-installed) Installation set User's guide

AJAX

Specification – SpaceControl



Classification	Four button key fob with feedback
Compatibility	Operates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridge
Number of buttons	4
Deactivation of the panic button	Available
Power supply	Battery: CR2032 battery Power supply voltage: 3 V Battery life - up to 3 years
Jeweller radio technology	Communication range with central unit - up to 1,300 m in an open space Two-way communication between devices Operating frequencies - 868.0-868.6 MHz Self-adjusting RF output power - up to 20 mW Block encryption based on AES algorithm Device polling period - 12-300 s
Operating temperature range	From -25°C to +50°C
Permissible humidity	Up to 95%
Dimensions	65x37x10 mm
Weight	13 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	SpaceControl keyfob CR2032 battery (pre-installed) User's guide

AJAX

Specification – HomeSiren



Classification	Radio channel security sounder
Type of siren	Wireless
Installation method	Indoors
Compatibility	Operates only with Hub, Hub Plus, Hub 2 and ReX
Type of notification	Sound
Connector for external LED	Available
Sound volume level	Adjustable, 81-105 dB at a distance of 1 m
Alarm length	Adjustable, 3-180 s
Indication of armed/disarmed status	Yes
Alarm signal delivery time	0,15 s
Power supply	Battery: CR123A battery Power supply voltage: 3 V Battery life - up to 5 years
Jeweller radio technology	Communication range with central unit - 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 20 mW Block encryption based on AES algorithm Device polling period - 12-300 s
Temperature sensor	Available
Operating temperature range	From -10°C to +40°C
Permissible humidity	Up to 75%
Protection class of body	IP50
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	75x76x27 mm
Weight	97 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	HomeSiren SmartBracket mounting panel Connector for LED indicator 2 x CR123A batteries (pre-installed) Installation set User's guide

AJAX

Specification – StreetSiren



Classification	Light and sound radio channel security sounder
Type of siren	Wireless
Installation method	Indoors/outdoors
Compatibility	Operates only with Hub, Hub Plus, Hub 2 and ReX
Type of notification	Sound/light
Sound volume level	Adjustable, 85-113 dB at a distance of 1 m
Alarm length	Adjustable — 3-180 s
Indication of armed/disarmed status	Yes
Alarm signal delivery time	0.15 s
Power supply	Battery: 4 x CR123A batteries Power supply voltage: 3 V Battery life - up to 5 years Mains supply: DC 12 V±20%
Jeweller radio technology	Communication range with central unit - up to 1,500 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 Device polling period - 12-300 s
Temperature sensor	Available
Operating temperature range	From -25°C to +50°C
Permissible humidity	Up to 95%
Protection class of body	IP54
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	200x200x51 mm
Weight	528 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	StreeSiren SmartBracket mounting panel 4 x CR123A batteries (pre-installed) Installation set User's guide