



HUB2KIT3MP(WHITE)

Kit contains -

1 x HUB2

See page 2 for spec

2 x MOTIONPROTECT

See page 3 for spec

1 x KEYPAD

See page 4 for spec



1 x DOORPROTECT

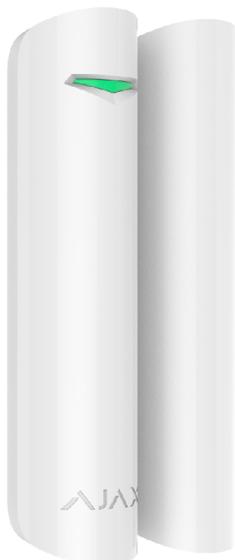
See page 5 for spec

1 x STREETSIREN

See page 6 for spec

1 x HOMESIREN

See page 7 for spec



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Hub 2 Specification

| | |
|------------------------------------|--|
| Complete set | The radio channel central unit with the support of visual alarm verification detectors |
| Installation | Indoors |
| Connected devices | 100 |
| Video surveillance support | Up to 25 cameras or DVRs |
| Users | 50 |
| Rooms | 50 |
| Security groups | 9 |
| MotionCam detector support | + |
| Communication channels | Ethernet Two 2G SIM-cards |
| Alarm signals | Delivery time: 0.15 sec Notification types: SMS, call, push-notification |
| Switching between the SIM-cards | 4 minutes |
| CMS connectivity | Contact ID, SIA |
| The speed of alarm delivery to CMS | Instant |
| Software | OS Malevich |
| Power supply | Main supply: 110-240 V Battery backup: Li-Ion 2 A.h Up to 16 hours of offline operation when the Ethernet is switched off |
| Jeweller radio technology | Communication range with detectors - up to 2,000 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 Black encryption based on AES algorithm Detector polling period - 12-300s Frequency hopping |
| Wings radio technology | Transmission of visual confirmations Delivery verification of packages |
| Operating temp range | From -10°C to +40°C |
| Size | 163 x 163 x 36mm |
| Weight | 362g |
| Complete set | Ajax Hub 2 intelligent control panel SmartBracket mounting panel Power cable, Ethernet cable, Installation kit, users guide |
| Connected ReX | 5 |
| Scenarios | 32 |

MotionProtect Specification

| | |
|---------------------------------|---|
| 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 temp range | From +5°C to +40°C |
| 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 |
| Complete set | MotionProtect motion detector SmartBracket mounting panel CR123A battery (pre-installed) Installation set User's guide |

Keypad Specification

| | |
|--------------------------------------|---|
| Classification | Radio channel touch keypad |
| Type of siren | Wireless, touch |
| Installation method | Indoors |
| Compatibility | Operates only with Hub, Hub Plus and ReX |
| Number of buttons | 15 |
| Duress code | Yes |
| Protection against password attack | Yes |
| Protection against passcode guessing | Yes |
| Arming/disarming indication | Yes |
| Power supply | Battery: AAA batteries Power supply voltage: 3 V Battery life — up to 2 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 temp range | From -10°C to +40°C |
| Permissible humidity | Up to 75% |
| Anti-sabotage | Protection against fraud Jamming detection Tamper-resistant |
| Remote setting and testing | + |
| Dimensions | 150x103x14mm |
| Weight | 197 g |
| Certification | Grade 2, CE |
| Complete set | KeyPad touch keyboard SmartBracket mounting panel 4 AAA batteries (pre-installed) Installation set User's guide |

Door Protect Specification

| | |
|----------------------------|---|
| 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 1,200 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 temp range | From +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 | 29g |
| Certification | Grade 2, CE |
| Complete set | DoorProtect opening detector SmartBracket mounting panel Two magnets CR123A battery (pre-installed) External contact Installation set User's guide |

Street Siren Specification

| | |
|---|---|
| Classification | Light and sound radio channel security sounder |
| Type of siren | Wireless |
| Installation method | Indoors /Outdoors |
| Compatibility | Operates only with Hub, Hub Plus and ReX |
| Type of notification | Sound/light |
| Sound volume level | Adjustable, 81-113 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: Four 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 temp 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 | 200x200x51mm |
| Weight | 528 g |
| Certification | Grade 2, CE |
| Complete set | StreetSiren siren SmartBracket mounting panel 4 batteries CR123A (pre-installed) Installation set User's guide |

Home Siren Specification

| | |
|---|---|
| Classification | Radio channel security sounder |
| Type of siren | Wireless |
| Installation method | Indoors |
| 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: Two CR2 batteries Battery: Two CR123A batteries 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 temp 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 | 75x76x27mm |
| Weight | 97 g |
| Certification | Grade 2, CE |
| Complete set | HomeSiren siren SmartBracket mounting panel Connector for LED indicator Two CR123A batteries (pre-installed) Installation set User's guide |

