



HUB KIT 3 - BLACK

Kit contains -

1 x HUB

2 x MOTIONPROTECT

See page 3 for spec

1 x KEYPAD

See page 4 for spec







1 x DOORPROTECT

See page 5 for spec



See page 6 for spec

1 x HOMESIREN

See page 7 for spec











Hub Specification

Sumper of the formation	Complete set	The radio channel central unit with GSM & ethernet modules
connected devices to the hubMaximum number of cameras 10connected to the hubMaximum number of users50Maximum number of groups9Mobile applicationsIOS 9.1 and later Android 4.1 and laterCommunication channelsEthernet, GSM (850/900/1800/1900 MHzAlarm signalDelivery time: 0.15 s Types of notifications: SMS message call, pushCommunication with central monitoringContact ID, SIAProcessorARMOperating systemOS MalevichPower supplyMains supply: 110–240 V Battery backup: 11-0240 V Battery backup: 11-000 V Battery backup: 11-0240 V Battery backup: 11-000 V Battery backup: 11-0000 V <td></td> <td></td>		
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Maximum number of rooms50Maximum number of groups9Mobile applicationsIOS 9.1 and later Android 4.1 and laterCommunication channelsEthernet, GSM (850/900/1800/1900 MHzAlarm signalDelivery time: 0.15 s Types of notifications: SMS message call, pushCommunication with central monitoringContact ID, SIAProcessorARMOperating systemOS MalevichPower supplyMains supply: 110–240 V Battery backup: Li-lon 2 A · h Up to 15 hours of offline operation when ethernet is switched offSIM card supportMicro SIM 2GOperating temperature range+5°C to +40°C Tamper-resistantAnti-sabotageProtection against fraud Jamming detection Tamper-resistantVideo surveillanceUp to 10 cameras to DVRRemote set up+Vieight350 gComplete set Hairal ation kit SiM cards (depending on region)	connected to the hub	
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Complete setAjax Hub intelligent central unitSmartBracket mounting panelPower cableEthernet cableInstallation kitSIM cards (depending on region)	Dimensions	163 x 163 x 36 mm
SmartBracket mounting panel Power cable Ethernet cable Installation kit SIM cards (depending on region)	Weight	350 g
Power cable Ethernet cable Installation kit SIM cards (depending on region)	Complete set	Ajax Hub intelligent central unit
Ethernet cable Installation kit SIM cards (depending on region)		SmartBracket mounting panel
Installation kit SIM cards (depending on region)		Power cable
SIM cards (depending on region)		Ethernet cable
		Installation kit
User's guide		SIM cards (depending on region)
		User's guide





Motion Protect Specification

Type of detectorWirelessInstallation methodIndoorsCompatibilityOperates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridgeSensing elementPIR sensorAlarm signal delivery time0.15 sMotion detection distanceUp to 12 mDetection anglesHorizontal — 88.5°, Vertical — 80°SensitivityAdjustable, 3 levelsRecommended installation height2.4 mPet immunityWeight — up to 20 kg, Height — up to 50 cmPower supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom +5°C to +40°CPermissible humidityUp to 75%Anti-sabotage#Pinensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Classification	Electro-optical combined radio channel security detector
CompartibilityOperates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridgeSensing elementPIR sensorAlarm signal delivery time0.15 sMotion detection distanceUp to 12 mDetection anglesHorizontal — 88.5°, Vertical — 80°SensitivityAdjustable, 3 levelsRecommended installation height2.4 mPet immunityWeight — up to 20 kg, Height — up to 50 cmPower supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom +5°C to +40°CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Type of detector	
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Alarm signal delivery time0.15 sMotion detection distanceUp to 12 mDetection anglesHorizontal — 88.5°, Vertical — 80°SensitivityAdjustable, 3 levelsRecommended installation height2.4 mPet immunityWeight — up to 20 kg, Height — up to 50 cmPower supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom +5°C to +40°CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Compatibility	Operates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridge
Motion detection distanceUp to 12 mDetection anglesHorizontal — 88.5°, Vertical — 80°SensitivityAdjustable, 3 levelsRecommended installation height2.4 mPet immunityWeight — up to 20 kg, Height — up to 50 cmPower supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom ±5°C to ±40°C Permissible humidityPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing Weight±Dimensions110x65x50 mm WeightWeight86 g CertificationComplete setMotionProtect motion detector	Sensing element	PIR sensor
Detection anglesHorizontal — 88.5°, Vertical — 80°SensitivityAdjustable, 3 levelsRecommended installation2.4 mheight2.4 mPet immunityWeight — up to 20 kg, Height — up to 50 cmPower supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom +5°C to +40°CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Alarm signal delivery time	0.15 s
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Recommended installation height2.4 mPet immunityWeight — up to 20 kg, Height — up to 50 cmPower supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom +5° C to +40° CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Detection angles	Horizontal — 88.5°, Vertical — 80°
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Power supplyBattery: CR123A battery, Power supply voltage: 3 V Battery life — up to 7 yearsJeweller radio technologyCommunication 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 sTemperature sensorAvailableOperating temp rangeFrom +5° C to +40° CPermissible humidityUp to 75%Anti-sabotage DimensionsProtection against fraud Jamming detection Tamper-resistantRemote setting and testing Weight+Setting and testing Certification110x65x50 mmWeight86 gComplete setMotionProtect motion detector		2.4 m
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Self-adjusting RF output power — up to 20 mW Block encryption based on AES algorithm Device polling period — 12-300 sTemperature sensorAvailableOperating temp rangeFrom +5°C to +40°CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector		Two-way communication between devices
Block encryption based on AES algorithm Device polling period — 12-300 sTemperature sensorAvailableOperating temp rangeFrom +5° C to +40° CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector		Operating frequencies — 868.0—868.6 MHz
Device polling period — 12-300 sTemperature sensorAvailableOperating temp rangeFrom +5° C to +40° CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector		Self-adjusting RF output power — up to 20 mW
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Operating temp rangeFrom +5° C to +40° CPermissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector		Device polling period — 12-300 s
Permissible humidityUp to 75%Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Temperature sensor	Available
Anti-sabotageProtection against fraud Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Operating temp range	From $+5^{\circ}$ C to $+40^{\circ}$ C
Jamming detection Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Permissible humidity	Up to 75%
Tamper-resistantRemote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Anti-sabotage	Protection against fraud
Remote setting and testing+Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector		Jamming detection
Dimensions110x65x50 mmWeight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector		Tamper-resistant
Weight86 gCertificationGrade 2, CEComplete setMotionProtect motion detector	Remote setting and testing	+
CertificationGrade 2, CEComplete setMotionProtect motion detector	Dimensions	110x65x50 mm
Complete set MotionProtect motion detector	Weight	86 g
•	Certification	Grade 2, CE
	Complete set	MotionProtect motion detector
SmartBracket mounting panel		SmartBracket mounting panel
CR123A battery (pre-installed)		CR123A battery (pre-installed)
Installation set		Installation set
User's guide		User's quide





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
	Wireless
Type of detector	
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 $+5^{\circ}$ C to $+40^{\circ}$ C
Permissible humidity	Up to 75%
Permissible humidity	Up to 75%
Permissible humidity	Up to 75% Protection against fraud Jamming detection
Permissible humidity	Up to 75% Protection against fraud
Permissible humidity Anti-sabotage	Up to 75% Protection against fraud Jamming detection Tamper-resistant
Permissible humidity Anti-sabotage Remote setting and testing	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm
Permissible humidity Anti-sabotage Remote setting and testing Dimensions	Up to 75% Protection against fraud Jamming detection Tamper-resistant +
Permissible humidity Anti-sabotage Remote setting and testing	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight	Up to 75%Protection against fraudJamming detectionTamper-resistant+Diameter: 20 mmHeight: 90 mm29gGrade 2, CE
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight Certification	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight Certification	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g Grade 2, CE DoorProtect opening detector SmartBracket mounting panel
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight Certification	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g Grade 2, CE DoorProtect opening detector SmartBracket mounting panel Two magnets
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight Certification	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g Grade 2, CE DoorProtect opening detector SmartBracket mounting panel Two magnets CR123A battery (pre-installed)
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight Certification	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g Grade 2, CE DoorProtect opening detector SmartBracket mounting panel Two magnets CR123A battery (pre-installed) External contact
Permissible humidity Anti-sabotage Remote setting and testing Dimensions Weight Certification	Up to 75% Protection against fraud Jamming detection Tamper-resistant + Diameter: 20 mm Height: 90 mm 29g Grade 2, CE DoorProtect opening detector SmartBracket mounting panel Two magnets CR123A battery (pre-installed)





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/	Yes
disarmed status	
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/	Yes
disarmed status	
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



