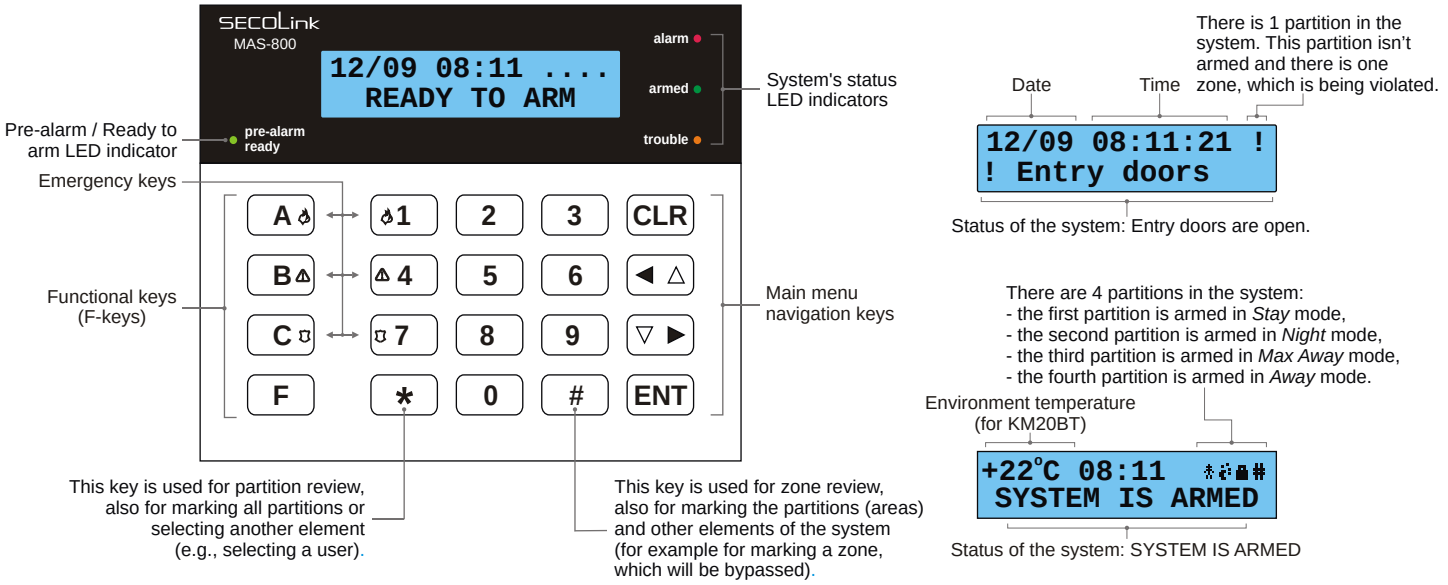
Your security system includes a control panel, keypad and/or modules, various sensors, and detectors. The keypads KM20B or KM20BT are wired and usually are mounted by the main entry/exit location. It can be used to arm/disarm and perform other system operations. The alphanumerical LCD display and four LED indicators show your security system's status. Keypad's built-in buzzer indicates entry/exit delay, chime, and alarm situations. User interface menu, zones, and events are displayed in English or other languages.



Functional keys for quick and comfortable control of the system

SECOLINK security system comes with a standard set of function keys (F- keys) described below. You will be able to carry out most frequently used functions by the use of one or two buttons. This will allow you to avoid system management via menu. During the installation you will have an option to create individual F- keys, which can be adapted to the needs of the protected building and the user. To view the current list of F - keys, press the F key and then keep pressing ◄ △ and ▽ ► keys.

12/09 08:11 .... READY TO ARM	F - key F	F - key A AWAY, arming	F - key AA STAY, arming	F - key AAA MAX AWAY, arming ...
Press F.	Press ▽ ►.	A - *Away* arming mode. Press ▽ ►.	AA - *Stay* arming mode. Press ▽ ►.	AAA - *Max Away* arming mode. Press ▽ ►.

Use ENT to activate a function which is controlled by F-key, use CLR to exit the F - key menu.

Ways of arming

The system can be armed in three ways: F - key, via Menu, or by entering a PIN code (symbol is used to prompt you to enter your PIN code). System functions, which are controlled by F-key, can be activated by pressing F-key and ENT, or by pressing and holding the last letter/number of the F-key combination. When Arming is activated via Menu, it is necessary to mark the partitions (areas), which will be armed (use keys 1, 2, 3, 4 or # to mark a particular partition (area), or use * to mark all partitions and proceed by confirming the selections by pressing ENT). If arming is activated by entering a PIN code, your system will be armed in *Away* mode.

Away arming mode – A

Use this mode for premises protection when no one will be staying inside. When armed in *Away* mode, all zones will be secure and the system will sound an alarm if a protected zone is violated. User must disarm the system within the entry delay period or an alarm will occur. There are three ways to arm your security system's *Away* arming mode:

• F-key: for EU countries – A ENT, .

12/09 08:11 .. READY TO ARM	F - key A AWAY, arming	AWAY, arming PIN:****	To Exit: 030 seconds
Press A.	Press ENT.	Enter your PIN code .	Leave the premises.

• F-key: for non EU countries – A ENT.

12/09 08:11 .. READY TO ARM	F - key A AWAY, arming	To Exit: 030 seconds
Press A.	Press ENT.	Leave the premises.

• PIN code: .

12/09 08:11 .. READY TO ARM	Arming: PIN:****	To Exit: 030 seconds
Enter your PIN code .	PIN code entry.	Leave the premises.

• via Menu: ENT, *Arming* ENT, ▽ ► *All partitions* ENT, .

12/09 08:11 .. READY TO ARM	Main Menu: ◄Arming ►	Arming: ◄Night ►	Arming: ◄All partitions ►	Arming: PIN:****	To Exit: 030 seconds
Press ENT.	Press ENT.	Press ▽ ►.	Press ENT.	Enter your PIN code .	Leave the premises.

Stay arming mode – AA

Use this mode when you are staying at home, but expect someone to use the entrance door later. Interior zones will not be protected and you may freely move throughout the premises. Late arrivals can enter through the designated entrance door without causing an alarm, but they must disarm the system within the entry delay period or an alarm will occur. There are two ways to arm your security system's *Stay* arming mode:

- F-key: for EU countries – A A ENT, ; for non-EU countries – A, A, and ENT.
- via Menu: ENT, *Arming* ENT ◄ ◄, *Stay* ENT, , *Parts:* * ENT.

Max Away arming mode – AAA

Use this mode when no one will be staying on the premises for a long period of time (e.g., vacations). Close all protected perimeter windows and doors before arming. When armed in *Max Away* mode, all zones will be secure, entry delay will turn off, and the system will sound an alarm if a protected zone is violated. There are two ways to arm your security system's *Max Away* arming mode:

- F-key: A A A ENT, .
- via Menu: ENT, *Arming* ENT ◄, *Max Away* ENT, , *Parts:* * ENT.

Night arming mode – C

Use this arming when you are staying inside the premises and require increased security. Interior zones are left disarmed and you may freely move throughout the premises. In the event of someone opening the door there will not be and entry delay and the alarm will sound. This arming mode is effective when doors and windows are secured with opening sensors, or glass break detectors are installed. There are two ways to arm *Night* Arming mode:

- F-key: for EU countries – C ENT, ; for non-EU countries – C and ENT.
- via Menu: ENT, *Arming* ENT, *Night* ENT, , * ENT.

Forced Arming – F*, AAAA

Use this arming mode when zones are violated or any of the sensors are broken. All the remaining sensors will be armed. There will be an entry delay after opening the entry/exit door. There are two ways to arm security system's *Forced* arming mode:

- F-key: for EU countries – F * ENT, ; for non EU countries is available F * ENT.
- via Menu: ENT, *Arming* ENT ▽► ▽► ▽►, *Forced Arming* ENT, .

Partial Arming

Partitions allow you to break up a large area into smaller sections. Use this arming mode to arm certain areas of the premises while leaving other areas disarmed, or to limit other user's access in specific areas. For example, an alarm system is installed in a two-story house. During night time the ground floor isn't being used and all sensors of this partition are armed. There will be an entry delay in the event of someone opening the door. Below is an example of how to arm a first partition (one of two) in *Away* mode.

- F-key: for EU countries – A 1, , ENT.

12/09 08:11 .. READY TO ARM	F - key A AWAY, arming	Away: PIN:****	Parts:#2 Ground floor	To Exit: 030 seconds
Press A.	Press 1.	Enter your PIN code .	First partition is selected. Press ENT.	Leave the premises.

- F-key: for non EU countries is available A 1 ENT.

12/09 08:11 .. READY TO ARM	F - key A AWAY, arming	Parts:#2 Ground floor	To Exit: 030 seconds
Press A.	Press 1.	First partition is selected. Press ENT.	Leave the premises.

- via Menu: ENT, *Arming* ENT, ▽► ▽► *Away* ENT, 1, .

12/09 08:11 .. READY TO ARM	Main Menu: ◄Arming ►	Arming: ◄Night ►	Arming: ◄Away ►	Away: PIN:****
Press ENT.	Press ENT.	Press the ▽► key twice.	Press ENT.	Enter your PIN code .

Parts:12 Ground floor	Parts:#2 Ground floor	To Exit: 030 seconds
Press 1.	First partition is selected. Press ENT.	Leave the premises.

Arming and disarming of security barrier, *Pre-alarm* mode

Microwave or infrared rays based security barriers, outdoor PIR detectors, which are connected to the system, can be armed by *Pre-alarm* mode. In the event of someone crossing this electrical barrier the system will sound an alarm without sending an alarm message to Central Monitoring Station. The *Pre-alarm* mode can be turned on and off as described below. For a more convenient control of *Pre-alarm* mode it is recommended to create special F-keys during an installation process.

- via Menu: ENT ▽► ▽►, *Pre-alarm* ENT, , *Parts:* 1, ENT.

12/09 08:11 .... READY TO ARM	Main Menu: ◄Arming ►	Arming: ◄Pre-alarm ►	Pre-alarm: PIN:****	Parts:◄2 Ground floor
Press ENT.	Press twice ▽►.	Press ENT.	Enter your PIN code .	To select press 1 . Press ENT to confirm.

Bypassing zone – B

Bypassing a zone allows you to leave a door or window opened while arming the rest of your security system. There are two different types of bypass: temporal or permanent. Temporal bypass is used for a one time arming and disarming cycle. Permanent bypass is used until the user unbypasses the zone. Enter the zone number you would like to bypass. THIS MUST BE A TWO DIGIT NUMBER. The zone will be marked as "X". To bypass the zone for a long time (permanent) the last number should be pressed and held for 2 sec. The zone will be marked as "X". Press [ENT] when all zones are marked. The same actions can be performed by choosing a zone with [◄ A] or [▽ ►] keys and by marking it with the [#] key (short press - temporal, long - permanent). Bypass process can be made:

• F-key: [B ♠] [ENT], mark the zone with [0]…[9] or [#], [ENT].

`12/09 08:11 .... READY TO ARM`	`F - key B Bypassing Zones`	`Zone:!2345 Window`	`Zone:!2345 Window`	`Zone:x2345 Window`
Press [B ♠].	Press [ENT] .	Zone named Window is violated (!).	Press [#].	Zone is temporarily bypassed. Press [ENT].
`12/09 08:11 .... READY TO ARM`	`F - key B Bypassing Zones`	`Zone:!2345 Window`	`Zone:!2345 Window`	`Zone:X2345 Window`
Press [B ♠].	Press [ENT].	Zone named Window is violated (!).	Press the [#] key and hold it for 2 seconds.	Zone is permanently bypassed. Press [ENT].

• via Menu: [ENT] [▽ ►] [▽ ►] [▽ ►] [▽ ►], *Zone Bypass* [ENT], [#], mark the zone with [0]…[9] or [#], [ENT].

Abort arming

Clear [CLR] key is used for selecting and aborting procedures. For example, if exit delay is in process and you want to abort arming, press the [CLR] key and enter your PIN code.

Arming system with troubles

EU standards do not allow the use of a troubled security system. Yellow LED light on the keypad will turn on and arming the system with previously described ways will not be possible. It is necessary to immediately eliminate system troubles, inform CMS, and the company that had installed your system. The system detects troubles of its own modules as well as other common problems such as 230V disappearance in AC line, a disconnected phone line due to repairs, or a battery discharge. In exceptional cases it is possible to bypass certain troubles for a short period of time and arm the system as usual. To arm a system with troubles please do the following:

Press the [CLR] key once and a message describing system troubles will be shown on the display. Press [CLR] again and the yellow *trouble* LED light will start to blink rapidly. Blinking duration is 30 seconds and during this time it is possible to activate Arming of your system as usual.

Emergency keys

To activate an emergency function press at once two event specific keys listed below and hold it for at least 1 second. Premises must be secured by CMS for these functions to activate. An audible emergency loud siren will occur showing a related message on the keypad screen.

- Fire alarm: [A ◊] + [◊ 1].
- Medical alarm: [B ♠] + [♠ 4].
- Panic alarm: [C ◘] + [◘ 7].

To disarm the system using your PIN code upon entering the premise

Entry delay gives you time to disarm the system when you enter through the designated entrance door. You must disarm the system before entry delay period ends to avoid an alarm occurrence. There are three ways to disarm the system using your PIN code:

- F-key: [F] [0] [ENT], [#] or [B ♠] [B ♠] [ENT], [#].
- PIN code: [#].
- via Menu: [ENT] [▽ ►], *Disarming* [ENT], *All partitions* [ENT], [#].

Partial disarming

Partial disarming is used when you want to disarm certain areas while leaving other areas armed, or to limit access to certain areas to other users. Below is an example explaining how to disarm a first partition of two.

• F-key: [F] [0] [◊ 1] [ENT], [#], [ENT] or [B ♠] [B ♠] [◊ 1] [ENT], [#], [ENT].

`Entry Delay 030 seconds`	`F - key F0 DISARMING all`	`Selected partit: PIN:****`	`Parts:1# Ground floor`	`12/09 08:11 .# PARTIALLY ARMED`
Press [F] and [0] keys.	Press [◊ 1].	Enter your PIN code [#].	Press [ENT].	First partition is disarmed.

• via Menu: [ENT] [▽ ►], *Disarming* [ENT], [▽ ►] *Selected partit* [ENT], [#], [◊ 1] [ENT].

`Entry Delay 030 seconds`	`Main Menu: ◄Arming ►`	`Main Menu: ◄Disarming ►`	`Disarming: ◄All partitions ►`	`Disarming: ◄Selected parti ►`
Press [ENT].	Press [▽ ►].	Press [ENT].	Press [▽ ►].	Press [ENT].

`Selected partit: PIN:****`	`Parts:1# Ground floor`	`12/09 08:11 .# PARTIALLY ARMED`
Enter your PIN code [#].	Press [◊ 1], then [ENT] key.	First partition is disarmed.

Alarm clearing

During an alarm the keypad screen will display a message “Alarm!!!” with an explanation and reasons that caused it. Red *alarm* LED light will turn on, the siren will start to sound aloud, and a report about the alarm will be sent to CMS or (and) the user. There are two ways to clear the alarm and turn off the red colored LED light.

- CLR, 🔏 - this type of clearing will stop the siren sound, turn off the red LED light, and the system will return to the prior pre-alarm status. The system will cause an alarm if the system has a smoke detector and an alarm was caused by smoke from domestic reasons whether it was armed or disarmed. It is possible to clear this type of alarm by bypassing the smoke detector (see page 3, "Bypassing zone - B").
- 🔏 - this type of clearing will stop the siren sound, turn off the red LED light, and the system will be disarmed, even if it was armed previously by entering the PIN code. It is not recommended to use a PIN code for alarm clearing when all partitions (areas) controlled by the user are disarmed due to a possible casual arming.

Event log review – F30, F31

All events related to protected premises and statuses of the system are stored in the event log. This log will display all events chronologically and includes information such as types of alarms, troubles or breakages, control events, and more. Use the # key to switch between different dates and times. Use ◄△ or ▽► keys to view next or previous events.

Alarm events:

- F-key: F 3 0 ENT.
- via Menu: ENT ▽► ▽► ▽► ▽► ▽► ▽► *Event Log* ENT, *Alarm Events* ENT, 🔏.

Fault events:

- F-key: F 3 1 ENT.
- via Menu: ENT ▽► ▽► ▽► ▽► ▽► ▽► *Event Log* ENT, ▽► *Trouble events* ENT, 🔏.

Electronic notebook (memo) review - F09

An installer may include all important contact information (e.g., phone number, email) on your keypad. To review:

- F-key: F 0 9 ENT, [1 record] ▽►, [2 record] ▽►, [3 record] ▽►, [4 record] ▽►, [5 record] ▽►.
- via Menu: ENT ◄△ ◄△ *Memo* ENT, [1 record] ▽►, [2 record] ▽►, [3 record] ▽►, [4 record] ▽►, [5 record] ▽►.

Correction of temperature displayed on the keypad – F11 (only KM20BT)

If the keypad shows an incorrect environment temperature it is recommended to make temperature corrections. This can be done by entering the value of the temperature measured with domestic thermometers. There are two ways to correct (update) temperature settings:

- F-key: F 1 1 ENT, 🔏, enter temperature value and press ENT.
- via Menu: ENT, ◄△ ◄△ ◄△ ◄△ *Settings* ENT, ◄△ *Temperature Co* ENT, 🔏, ENT, (enter temperature value) ENT.

Sensor operation testing, testing zones – F22

It is recommended to perform sensor operating testing at least once per month. During testing it will be necessary to make some type of violation in order to check the functionality of available sensors. For example, opening a door or windows with magnetic contacts, stimulating movement near the motion sensors, or by hard clapping of hands to test the glass break detectors. There are two ways to begin testing:

- F-key: F 2 2 ENT, 🔏.

12/09 08:11 .... READY TO ARM	F - key F22 Testing ZONES	Burg. Zone Test: PIN:****	Zone:12345 Door	Zone:#2345 Door
Press F 2 2 keys.	Press ENT.	Enter your PIN code 🔏.	Testing zone is not violated.	Testing zone is violated.

- via Menu: ENT, ◄△ ◄△ ◄△ ◄△ ◄△ *Tests* ENT, *Burg. Zone Tes* ENT, 🔏.

Violated zones (#) can be checked by pressing the ◄△ and ▽► keys. To end testing press CLR.

Permission to make system changes (service mode entry) – F33

An installer will have permission to make system changes only after a user approves it by entering a PIN code for security reasons. There are two ways to allow the installer to begin system changes:

- F-key: F 3 3 ENT, 🔏.
- via Menu: ENT, ◄△ Service mode ENT, 🔏.

Change activated user's PIN code – F20

SECOLINK manufacturer will provide a 4-digit default PIN code of the system which is generated in a sequential order, unique to each user, and is related to his/her number in the system. For example, first users default PIN code will be 0001, second users default PIN code will be 0002, and so on. It is strongly recommended to change your default PIN code in one of these two ways:

- F-key: F 2 0 ENT, 🔏 enter your present PIN, *New PIN:,* 🔏 enter new PIN, *Repeat:,* 🔏 repeat the new PIN.
- via Menu: ENT, ◄△ ◄△ ◄△ *Settings* ENT, ▽► ▽► *Users* ENT, Change PIN ENT, 🔏 enter your present PIN, *New PIN:,* enter new PIN, *Repeat:,* repeat the new PIN, *Changed*.

For example, a user of the system has a PIN code 1234. This code seems unsafe to him and he desires to change it to 3762. He should start by pressing F 2 0 ENT function keys, entering 1234, then entering 3762, and 3762 for a confirmation. PIN code has been changed.

Changing Date and time – F21

- F-key: F 2 1 ENT, *Date and Time* 🔏, (enter date and time) ENT.
- Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ *Settings* ENT, *Date and Time* ENT, 🔏, (enter date and time) ENT.

Changing the backlight of keys and keypad display – F10

Keypad users have an option to select during which conditions the keypad will illuminate. Available settings: *LCD & keypad* - keypad display and the keypad are always backlit; *LCD* - keypad display is always backlit; *Auto* - keypad keys and display illuminate after any keypad key is being pressed, during entry/exit delay, in case of an alarm, or when *Chime* zone is violated.

- F-key: F 1 0 ENT, *Keypad Settings*, *Light* ENT, *LCD&keypad* ENT, *Changed*.
- via Menu: ENT, ◄ ◄ ◄ ◄ ◄ *Settings* ENT, ▽ ▽ ▽ ▽ ▽ *Keypad settings* ENT, *Light* ENT, *LCD&keypad* ENT, *Changed*.

Chime mode

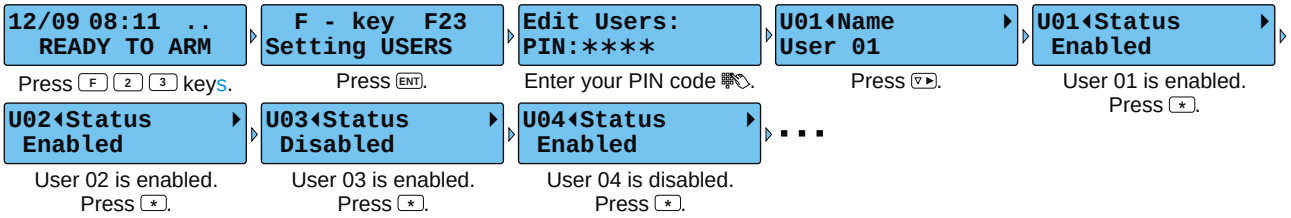
This feature can be used only while the intruder alarm system is disarmed. Your system can be set to alert you by sound or lighting of the LCD display and keys when doors or windows are being opened, or during any violation of the selected zone. To select which zone will feature a *Chime* function press the # key on a selected zone which will then be marked by . To enable this function please do the following:

- via Menu: ENT, ◄ ◄ ◄ ◄ ◄ *Settings* ENT, ▽, *Chime* ENT, .

Activated Users' review – F23

It is recommended to review how many users can control the system after an installation. There are two ways to view activated users:

- F-key: F 2 3 ENT, *Edit Users* , ▽ *Status*, * ... *.



- Via Menu: ENT, ◄ ◄ ◄ ◄ ◄ *Settings* ENT, ▽ ▽ ▽ *Users* ENT, ▽ *Edit Users* ENT, , ▽ *Status*, * ... *.

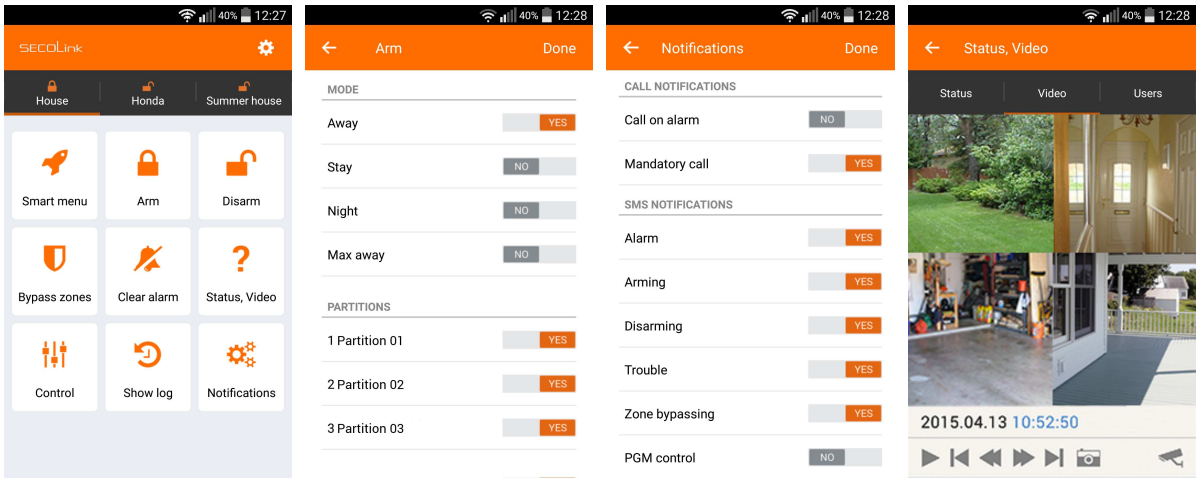
LCD screen will display a user's number (e.g., U01) and status (e.g., *Enabled* or *Disabled*). All users with an *Enabled* status can control the system or its partitions (areas).

Smart phone application

SECOLINK application allows the user to control and monitor SECOLINK security system from the user's smartphone (GSVx, LAN800 or VIDNET module must be installed). Both the intruder alarm system and car alarm system can be controlled by the application. Application uses SMS and/or data service and charges may apply.

Main features:

- Arm/disarm your object;
- Receive alarm, trouble, and other notifications;
- Monitor your object status;
- Bypass zones;
- Control your devices;
- Locate your car (GSW-CAN);
- Explore the event log: alarms, troubles, and other events;
- Control up to 4 objects (home, business, car);
- Video to verify an alarm;
- Smart interface - your most recently used commands.



Links to download:

for iPhone:

for Android:

System compliance and warranty

Kodinis Raktas UAB, manufacturer of SECOLINK Intruder Alarm System, offers a Warranty for a term of twenty-four months. It declares, that product SECOLINK complies with essential EU directive and EU standards EN 50131-1. For more information visit manufacturer's website at www.kodinis.lt or www.secolink.eu for a complete text of declaration. SECOLINK Intruder Alarm System is designed and manufactured in Lithuania.