

PARADOX 

# K70M

7" Touchscreen Keypad



INSTALLATION MANUAL

FW: V0.31.060

## Introduction

**K70M** is a 7-inch touchscreen keypad designed to communicate with Paradox M systems, providing users with full control over all security features, Paradox camera views and audio, and automation control, through an ultra-fast, user-friendly interface.

The K70M supports a customizable screen saver. Screens such as family photos can be managed and downloaded through the BlueEye application. Additionally, the K70M offers internet radio streaming, with playback available through both internal and external speakers, with a separate 4W RMS output for background music.

The K70M is equipped with a built-in rechargeable battery, requires only two wires for a 12 V DC power supply, and connects to the M system via Wi-Fi.

## Quick Installation - Experienced Installers

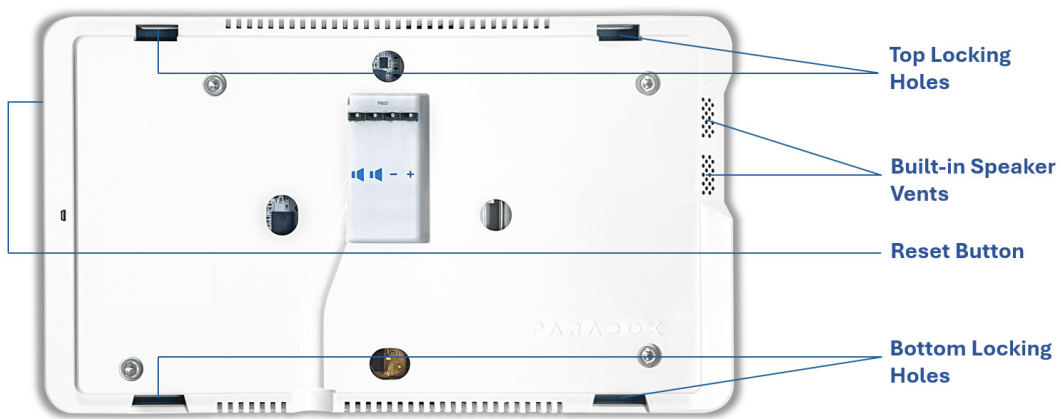
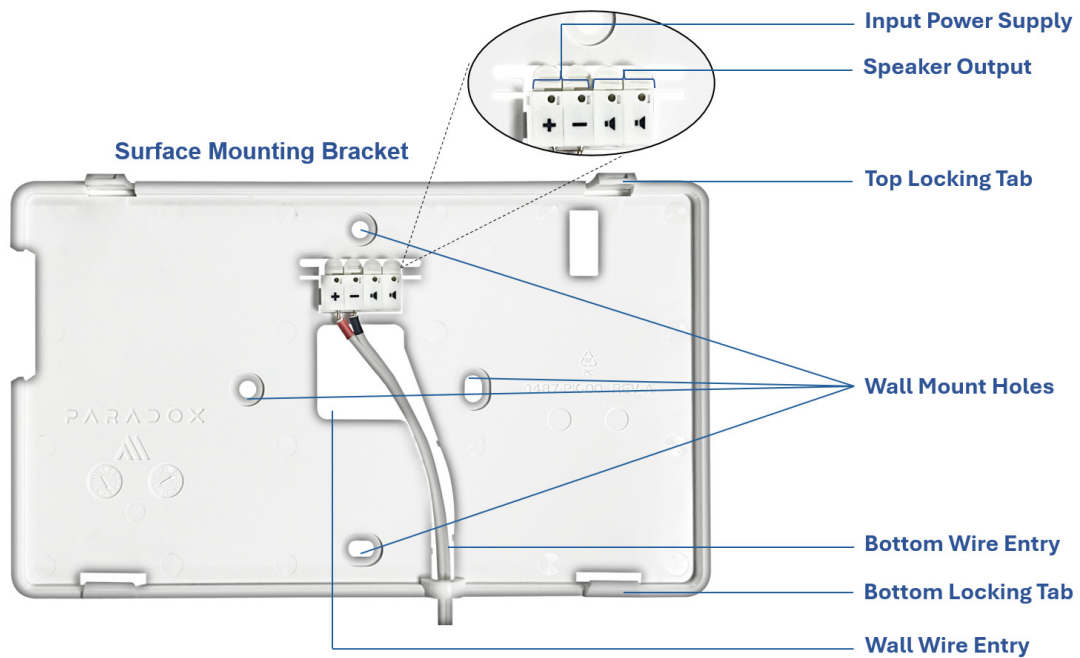
To install K70M:

1. Install the mounting bracket (surface) or mounting base (recessed)
2. Connect a 12 V DC (minimum 500 mA) to the power input terminals.
3. Attach the keypad (bottom first, then press top until it clicks).
4. Connect the keypad to Wi-Fi (on-screen).  
**IMPORTANT:** Ensure the keypad is on the same network as the M console.
5. Pair the keypad with the console (Using the BlueEye application):  
Go to: **Hardware** > Tap **Add Devices** > **Ethernet Devices Auto learn**.
6. Configure K70M:
  - Using the BlueEye application, Go to: **Hardware** > Tap **K70M** from the device list > Enter the necessary details > **Save**.
  - Add or remove screensavers (users only): **Menu** > **K70M Screensaver**.
  - Individual keypad settings: On K70M, tap **Settings** to configure brightness, lockout time, screen saver, and so on.

**NOTE:** To ensure network connectivity for the K70M keypad during power outages, connect your Wi-Fi router to an Uninterruptible Power Supply (UPS).

## Components of K70M

The following figure displays the components of K70M.



Rear View of the Keypad



In-Wall Mounting Base

## Physical Mounting

The K70M supports two mounting methods:

- Surface mounting using the mounting bracket.
- Recessed (in-wall) mounting using the mounting base and wall frame.

To mount the K70M:

1. **Detach the mounting bracket:**  
Insert a flathead screwdriver into the slots at the top of the keypad and gently pry upward to release the mounting bracket.
2. **Install one of the following:**
  - Option A – Surface Mounting. See [Fig A](#).  
Secure the **mounting bracket** on the wall using the wall mount holes.
  - Option B – Recessed (in-wall) Mounting. See [Fig B](#).  
Install the **mounting base** inside the wall, securing screws on both sides.
3. **Connect the power supply:**  
Connect a 12 V DC power supply (minimum 500 mA) to the power input terminals:
  - On the mounting bracket (surface mounting), or
  - On the mounting base (in-wall mounting).
4. **Attach the keypad:**  
Align the locking holes on the back of the keypad with the locking tabs on the mounting bracket or the mounting base. Insert the bottom edge first, then press the top of the keypad until it clicks into place.
5. **Attach the wall frame (recessed mounting only):**  
Place the wall frame over the installed keypad and press along all sides until it is securely fitted. See [Fig C](#).



**Fig A: Surface Mounting**



**Fig B: Recessed (In-wall) Mounting**



**Fig C: Wall Frame Installation (In-wall Mounting)**

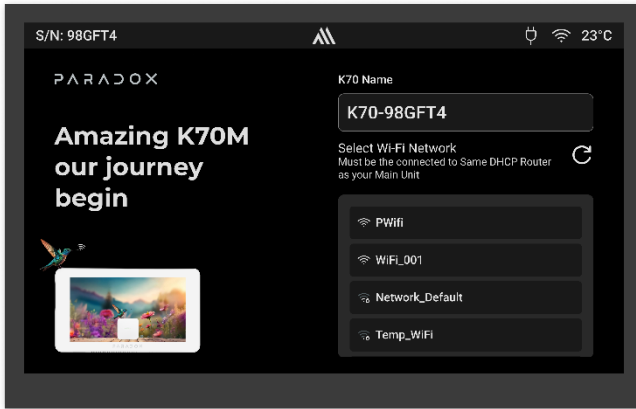
## Configuring Wi-Fi


After the K70M powers up and completes initialization, the Wi-Fi connection screen appears. Select the desired Wi-Fi network, ensuring it is on the same network as the M console.

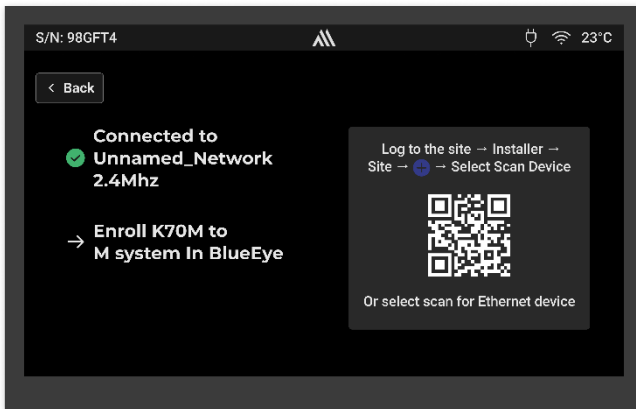
To connect to a Wi-Fi network and pair with the M system:

1. Select a Wi-Fi network. Tap the refresh button if your Wi-Fi network does not appear.  
**NOTE:** The keypad displays up to eight strongest available Wi-Fi networks. If the network you want to connect to is weaker than these eight, detach the fully charged keypad and move closer to your Wi-Fi router. After

refreshing the network list, your network should appear.



2. Enter the password of the network and tap . The keypad now connects to the selected network.



3. To pair the K70M to the M system, open the BlueEye application, go to:
  - **Hardware > Add Devices > Ethernet Devices Auto Learn**, or **Scan QR code** displayed on the keypad. The keypad should be added within 6 minutes.

After configuring Wi-Fi and pairing with the M system, the **Settings** screen will appear on the keypad. For details, see the [Keypad Settings](#) section in this manual.


## Obtaining or Editing Users' Access Code

**NOTE:** Each user can edit or maintain their access code through the BlueEye application. Users without the BlueEye app cannot view or edit their access code.

A valid code must not have the following:

- More than three same digits consecutively. For example, 444422.
- Repeating a group of numbers within the code. For example, 234234.
- Sequential numbers in ascending or descending order. For example, 123456.

To obtain or edit the access code in the BlueEye application:

1. When in the M site, tap the  icon at the top right of the **Home** screen.
2. Tap **My Profile**.
3. Tap the eye icon next to the **Keypad Codes** to view the default code.
4. (Optional) Edit the default access code by entering a new six-digit number in the **Numeric** field.
5. Tap **Save**.

## Configuring K70M in the BlueEye Application

To configure the K70M settings in the BlueEye app:

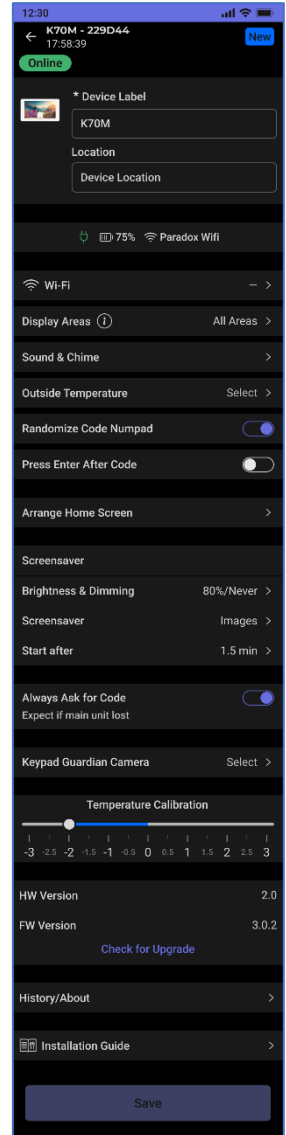
1. When in the **Hardware** tab, tap the **K70M** device.
2. On the screen that opens, enter the necessary details.
3. Tap **Save**.

For details about each parameter displayed on the page, see [Table 1](#).

The following table lists the parameters displayed for configuring the K70M, along with their descriptions.

**Table 1**

Parameter		Description
<b>Device Label</b>		Enter a custom name for the device.
<b>Volume &amp; Ringtones</b>		Select the volume level and choose ringtones for different alarm types.
<b>Outside Temperature</b>		Select the zone for which the outside temperature will be displayed.
<b>Randomize Code Numpad</b>		When enabled, it randomizes the keypad number layout each time to enhance security.
<b>Press Enter After Code</b>		When enabled, it requires pressing <b>Enter</b> after entering the access code for confirmation.
<b>Arrange Home Screen</b>		Customize the layout and order of items on the home screen.
<b>Screensaver</b>	<b>Brightness &amp; Dimming</b>	Adjust the brightness level and dimming behavior when the screensaver is active.
	<b>Screensaver</b>	Select the images to display when the screensaver is active.
	<b>Start After</b>	Set the duration of inactivity after which the screensaver starts. <ul style="list-style-type: none"> <li>• Off</li> <li>• 1 Minute</li> <li>• 2 Minutes</li> <li>• 30 Seconds</li> <li>• 1.5 Minutes</li> </ul>
<b>Screensaver Unlock</b>	<b>Always Ask for Code</b>	When enabled, it requires a code each time the home screen is accessed. When you enable this option, the <b>Show Cameras After Code</b> and <b>Show PGMs After Code</b> will be enabled automatically.
	<b>Show Cameras After Code</b>	Automatically display camera feeds after entering the code.
	<b>Show PGMs After Code</b>	Automatically display PGM controls after entering the code.
<b>Temperature Calibration</b>		Adjusts the device's reported temperature value manually to compensate for environmental or installation-related variations.
<b>About</b>		Displays device details such as keypad name, site name, service company, model, version, and so on.



## Functions

The LCD screen of the keypad displays a set of navigation tabs at the bottom of the screen. Each tab provides quick access to specific functions.

The following table lists each keypad tab and the functions that can be performed from it.

Table 2

Keypad Tab	Function
Home	Arm/disarm areas and activate outputs. Displays the status of all areas and outputs, as well as live camera visuals.
Automation	Control and schedule automated functions, including PGM outputs and other connected devices.
Security	View and configure zones across all areas.
Settings	View or adjust system and keypad settings. For details, see the <a href="#">Keypad Settings</a> section in this manual.
Panic	Trigger an emergency panic alarm to generate an immediate alert in critical situations.

See the following sections for more details.

## Arming and Disarming

You can arm and disarm the system from the **Home** screen. The cameras for each area are also displayed on this screen.



To Arm the areas:

1. On the **Home** screen, select the areas you want to arm.
2. Select the corresponding button (**Arm/Sleep/Stay**).
3. Tap the **Acknowledge All** button.

**NOTE:** *If certain zones are in fault, the Partial Arm (Bypass) option will be available, allowing the system to arm while bypassing problematic zones.*

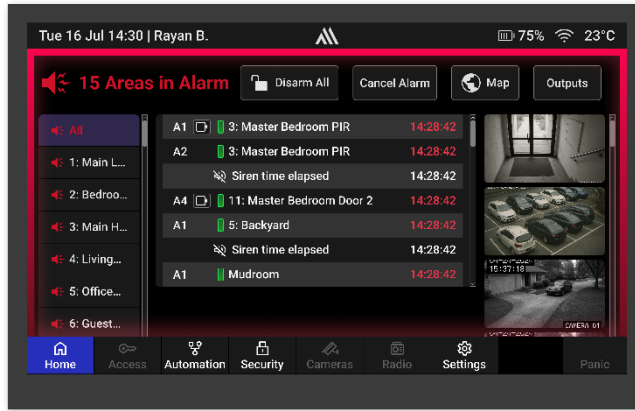
To Disarm the areas:

1. On the **Home** screen, select the areas you want to disarm.
2. Tap the **Disarm** button.
3. Enter the access code using either the QWERTY keypad or numeric keypad.

You can also Arm/Disarm the areas from the **Security** tab.

## Alarm Handling

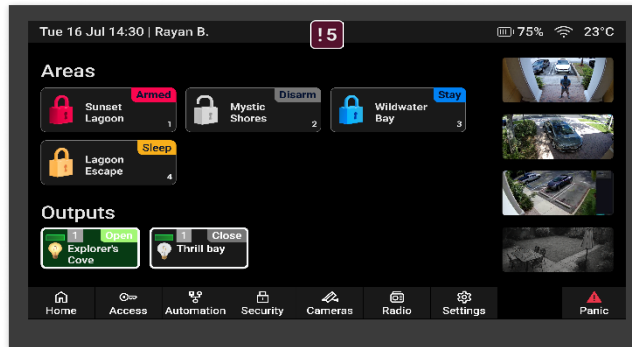
When the system is armed, any alarms triggered in the areas will be displayed on the **Home** screen. You can disarm the affected areas individually or disarm all areas at once directly from the **Home** screen.




## Acknowledging Alarm in Memory and Messages

All the alarm events and system notifications are displayed in the **Message Center** at the top center of the screen.

**NOTE:** The **Message Center** icon  appears only when an event is generated or when a tamper trouble occurs.



To view and acknowledge the system messages in memory:

1. In the **Home** screen, tap the  icon at the top center.
2. Do either of the following:
  - Tap **Alarm in Memory** > **Acknowledge All**.
  - Tap **Message Acknowledge** > **Acknowledge All**.

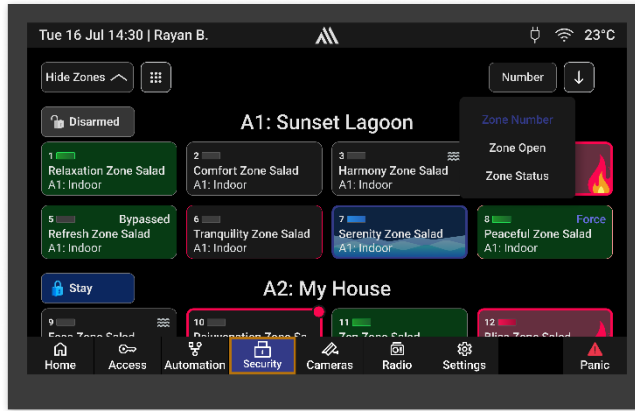
## Viewing all Automated Zones

All the automated zones and their current status are displayed under the **Automation** tab.



## Viewing all Areas and Zones

All areas and zones of each area can be sorted in the **Security** screen. Tap **Show Zones** in the **Security** screen to display all zones.



You can display areas using one of the following views:

- Area Detailed
- Area Summary

You can sort the zones using one of the following options:

- Number
- Open
- Status

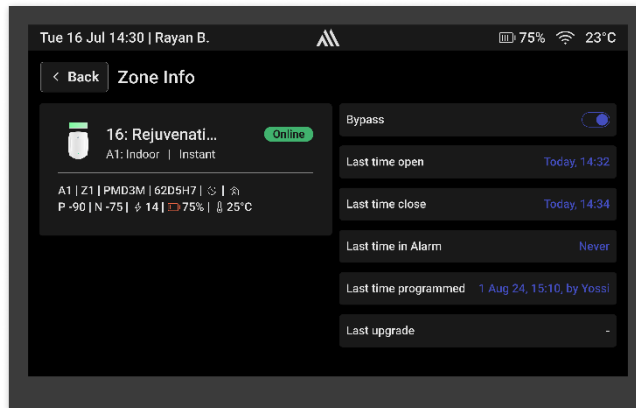
You can also select one of the following orders for zones:

- Ascending
- Descending

## Viewing Zone Information

To view information about a specific zone:

1. In the **Security** tab > **Show Zones** > tap a zone.



The following details are displayed for the selected zone:

**Table 3**

Parameter	Description
<b>Bypass</b>	Enables or disables the bypass option.
<b>Last time open</b>	The most recent time the zone was opened.
<b>Last time close</b>	The most recent time the zone was closed.
<b>Last time in alarm</b>	The most recent time the zone was in alarm.
<b>Last time programmed</b>	The most recent time the zone was programmed or reconfigured.
<b>Last upgrade</b>	The most recent time the firmware of the zone was upgraded.

## Managing Wi-Fi Connections

When the Wi-Fi is not connected to the keypad, it displays a message on the keypad lock screen that says **Wi-Fi Disconnected**. When tapped on this message, it takes you to the **Settings** screen, where you can configure the Wi-Fi network using the network password.



## Keypad Settings

You can configure the keypad settings in the **Settings** tab. The following table lists the parameters in the **Settings** tab.

**Table 4**

Parameter	Description
<b>Wi-Fi Connection</b>	Edit or configure the network. Displays all the available Wi-Fi networks.
<b>Sound &amp; Chime</b>	<p>Enable the chime and assign zones to the chime to receive notifications on the keypad when activity occurs in those zones.</p> <p>You can also configure the following settings:</p> <ul style="list-style-type: none"> <li>• Touch sound</li> <li>• Chime repetition pattern</li> <li>• Open sound</li> <li>• Close sound</li> <li>• Volume</li> <li>• Ringtones <ul style="list-style-type: none"> <li>○ Alarm</li> <li>○ Chime</li> <li>○ Exit Delay</li> <li>○ Entry Delay</li> <li>○ Accept Beep</li> <li>○ Fail Beep</li> <li>○ Panic</li> <li>○ Fire Alarm</li> <li>○ Trouble</li> <li>○ Notification Triangle</li> </ul> </li> </ul>
<b>Volume &amp; Ringtones</b>	Select the volume level and choose ringtones for different alarm types.
<b>Outside Temperature</b>	Select the zone for which the outside temperature will be displayed.
<b>Randomize Code Numpad</b>	When enabled, it randomizes the keypad number layout each time to enhance security.
<b>Press Enter After Code</b>	When enabled, it requires pressing <b>Enter</b> after entering the access code for confirmation.
<b>Brightness &amp; Dimming</b>	Adjust the brightness level and dimming behavior when the screensaver is active.

<b>Screensaver</b>	<b>Images</b>	Do either of the following: <ul style="list-style-type: none"> <li>From the <b>Images</b> tab, select the image or clock to display when the screensaver is active.</li> <li>From the <b>Cameras</b> tab, select the camera feed to display.</li> </ul>
	<b>Screensaver Timing</b>	<p><b>Start Screensaver After</b> Set the duration of inactivity after which the screensaver starts.</p> <ul style="list-style-type: none"> <li>1 Minute</li> <li>2 Minutes</li> <li>30 Seconds</li> <li>1.5 Minutes</li> </ul> <p><b>Change Image Every</b> Set how often the image changes:</p> <ul style="list-style-type: none"> <li>1 Minute</li> <li>10 Minutes</li> <li>30 Minutes</li> </ul>
<b>Home screen unlock</b>	<b>Always Ask for Code</b>	When enabled, it requires a code every time the home screen is accessed.
	<b>Show Cameras After Code</b>	Automatically display camera feeds after entering the code.
	<b>Show PGMs After Code</b>	Automatically display PGM controls after entering the code.
<b>Keypad Guardian Camera</b>		Enables the keypad's built-in camera for monitoring and snapshots.
<b>About</b>		Displays device details such as keypad name, site name, service company, model, version, and so on.
<b>Reboot</b>		Restarts the keypad without changing any configuration settings.
<b>Power Off (On battery operation only)</b>		Powers off the keypad. To turn it back on, reconnect the power supply.
<b>Reset to Default</b>		Restores all settings to factory defaults, except the Wi-Fi connection.

## Creating a Panic Alarm

To create a panic alarm using the keypad:

1. Press and hold the **Panic** button for 3 seconds.

**NOTE:** *Panic alarm notifications are sent to **Configured Users** and the **Central Station**.*

## Canceling a Panic Alarm

To cancel a panic alarm using the keypad:

1. Tap the floating **Mute** button on the screen and enter the access code.

## Resetting

The **Reset** button located on the right side of the keypad performs different functions depending on whether the keypad is powered.

When the keypad is operating on battery power only (no external power supply):

- Press and hold the **Reset** button for one second to shut down the keypad.

When the keypad is powered by an external power supply:

- Press and hold for three seconds to reboot the keypad.
- Press and hold for six seconds to reset the keypad to its factory default settings.

## Upgrading Firmware

To upgrade the firmware:

1. In the **Hardware** tab, tap on the device > **Check for Upgrade**.
2. If an upgrade is available, tap **Upgrade** when prompted.  
The process may take a few minutes. Keep track of the progress in the BlueEye application to ensure that the upgrade is completed successfully. Both the Installers and owners can perform the upgrade.

**IMPORTANT:** The firmware upgrade can be done only when the system is disarmed.

## Wall Tamper Protection

The K70M is equipped with wall tamper protection. If the system is armed, any tamper activation immediately triggers a system alarm. When the system is disarmed, a tamper activation generates a report to the CMS, sends a push notification, and displays a tamper trouble alert in the BlueEye application.

## Technical Specifications

The following table lists the technical specifications of K70M along with their descriptions.

**NOTE:** *The specifications are subject to change without prior notice.*

Table 5

Specification	Description
Input Power Supply	12 V DC, minimum 500 mA
Display	1024 × 600 color touch display
Speakers	Internal and External
Audio Output Power	4 W RMS for background music
Status Indicators in Application	Power supply, battery level, temperature
M System Connectivity	Wi-Fi (2.4 GHz)
Battery	Built-in rechargeable battery providing up to 6 hours of operation
Installation Environment	Indoor
Firmware Upgrade	Through the Swan server (only through Wi-Fi)
Operating Temperature	-5°C to 45°C (23°F to 113°F)
Auto Learn	Yes
Colors	White, Grey
Dimensions	19.50W x 11.28H x 1.74D cm (7.7" W x 4" H x 0.7" D)
Weight	0.46 kg
Certification	CE, FCC 15.247 Certification Body: Applica Test & Certification

## FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

**WARNING – RF EXPOSURE COMPLIANCE:** This equipment should be installed and operated with a minimum distance 20 cm between the radiator and your body.

**FCC ID:** KDYK70M

**IC:** 2438A-K70M

- This Class B digital apparatus complies with Canadian ICES-003.
- -Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## IC Statements

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**AVERTISSEMENT – CONFORMITÉ AUX NORMES D'EXPOSITION AUX RF:** Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

## Warranty

For complete warranty information on this product, see the [Limited Warranty Statement](#) document, or contact your local Paradox distributor.

## Patents

US, Canadian, and international patents may apply. Paradox is a trademark or registered trademark of Paradox Security Systems (Bahamas) Ltd.

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