User Manual
**Please read the
following instructions
and warnings carefully.
Keep this instruction manual
for future reference**

Congratulations!

Welcome to the Kittyo family. Please read these instructions to help you and your cat get the most fun out of Kittyo.

For additional assistance please visit our website at www.kittyo.com for up-to-date contact information.

Register your Kittyo for customer support at http://kittyo.com/register.

Model: KTO100-00

Serial No. _____

Record the serial number of your Kittyo above for future reference. This information is located on the bottom of the Kittyo unit.

Version: 2015/100.1

Contents

Trademarks:

- Kittyo is a trademark of The Happy Pet People LLC
- Apple, iOS, iPhone and iPad are trademarks of Apple Inc.
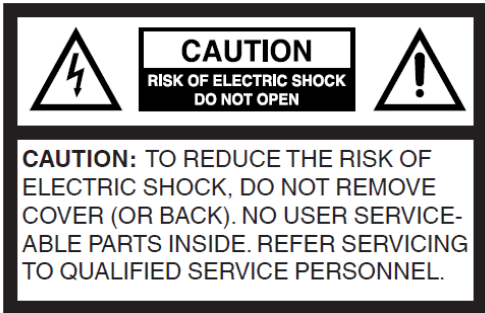- Android and Google Play are trademarks of Google Inc.

Warnings

The above label is located on the bottom of the Kittyo unit

The above label is located on the bottom of the Kittyo unit

The above label is located on the front (nearby the laser module) of the Kittyo unit.

	The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the documents accompanying the unit.

WARNING:
• To prevent fire or shock hazard, do not expose this unit to rain or moisture.
• To prevent the spread of fire, keep candles or open flames away from this product at all times.
• Do not leave in direct sunlight.
• Donotstare into beam or view directly with optical instruments.
• Avoid aiming laser at the face or eyes of animals or people.
• Avoid aiming laser at highly reflective objects such as windows, mirrors and shiny metal.
• Never point a laser at aircraft. This is a federal offense.

• Do not use the laser if the housing is damaged, the housing is open, or if the optics appear.
CAUTION: To prevent electrical shock, do not use the AC plug with an extension cord, receptacle or other outletunless the blades can be fully inserted to prevent blade exposure.
RECYCLE NOTICE: This product may contain lead and should be disposed or recycled according to local electronic waste laws. For product recycling and disposal information, contact your local government agency.
WARNING: ELECTRICAL CORD HAZARD: Animals can be harmed if they play with or chew electrical cords. Children can be strangled by electrical cords. Prevent access to the electrical cord by animals and children. Keep the electrical cord out of harm's way.

FCC INFORMATION:

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.
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. 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 receiver;   3) connect the equipment to 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.
CAUTION:To comply with FCC RF exposure compliance requirements, a separation distance of at least 8 inches must be maintained between the transmitter unit and all persons. This product's transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. Changes or modifications not expressly approved by the party responsible for compliance with the FCC rules could void the user's authority to operate this product.

Important Safety Instructions

1) Read these instructions. Heed all warnings. Follow all instructions.
2) Do not use this product near water.
3) Clean only with a damp or drycloth.
4) Do not block any ventilation openings. Install only in accordance with instructions in this owner's guide.
5) Do not install near any heat sources such as radiators, heat registers, stoves, or any other apparatus that produces heat.
6) Do not defeat the purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
7) Protect the power cord from being walked-on, pinched, chewed, licked or played with, particularly at the plug and the point where it exits from the product.
8) Only use attachments/accessories specified.
9) Unplug this product during lightning storms or when unused for long periods of time.
10) This product does not contain any user-serviceable or user-replaceable parts. Do not attempt to service or repair this product. Opening, or attempting to repair this product will void the manufacturer's limited warranty. If operational problems are encountered during the product's warranty period, please contact us.
11) Product should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the product.
12) Do not overload wall outlets and extension cords, as this can result in a risk of fire or electrical shock.
13) Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electrical shock. Never spill or spray any type of liquid into the unit.
14) Condensation: Moisture will form inside and outside a product that has been brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. Condensation may also appear on the camera lens. If this occurs, the product's performance may be impaired temporarily. To prevent this, let the product stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the product is exposed to the breeze from an air conditioner. In such cases, change the location of the product.

Declaration of Conformity

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

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation. For questions regarding this declaration, please contact Customer Service at Kittyo

This item is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

1 What you get with Kittyo

1.1 What's inside the box

a. The Kittyo device
b. The Kittyo power cord
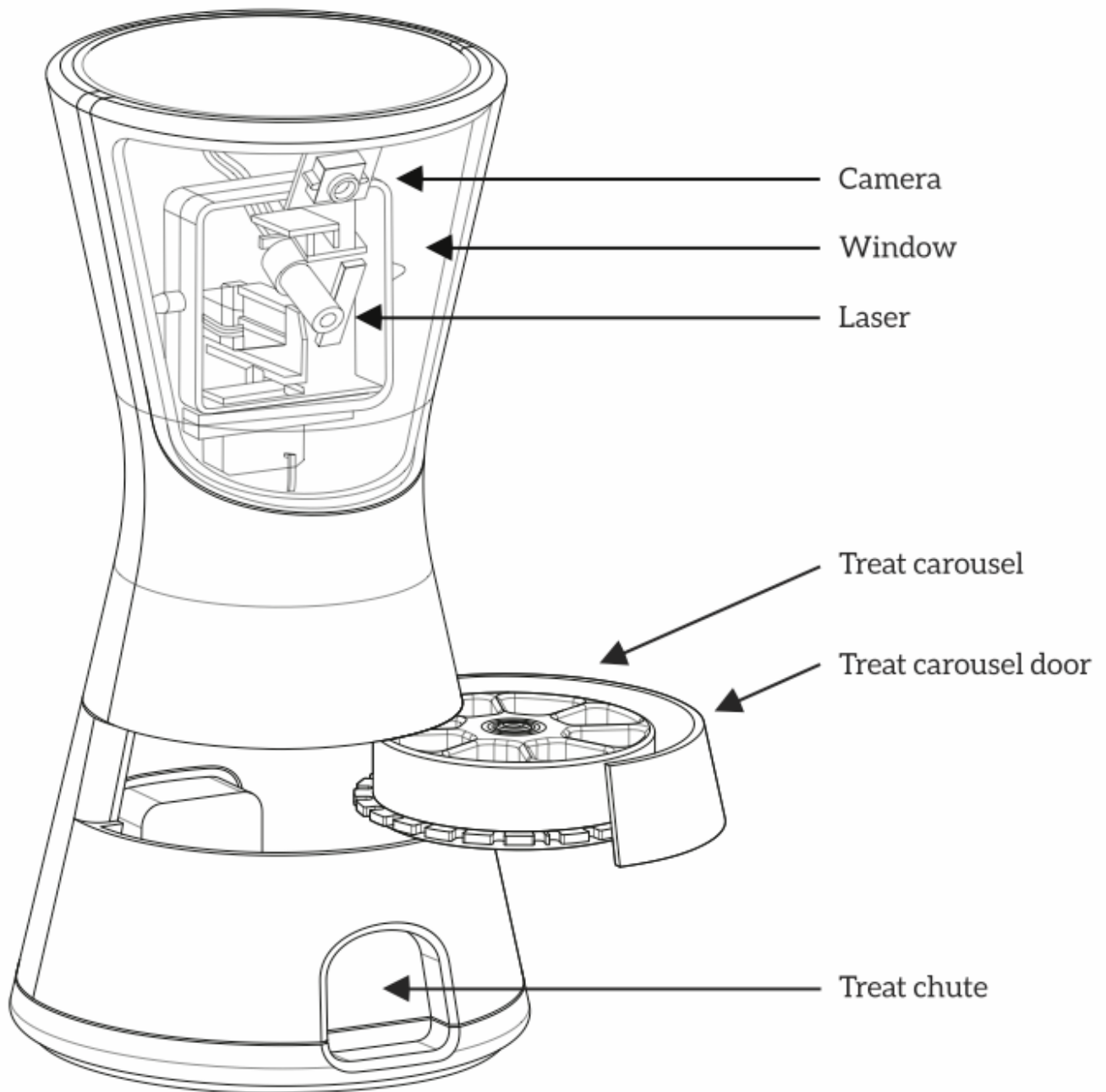c. The Kittyo surface mount
d. The instruction manual

1.2   What you'll need to get started

a.   Active home Wi-Fi service
b.   Your Wi-Fi password
c. Your smart phone running iOS or Android
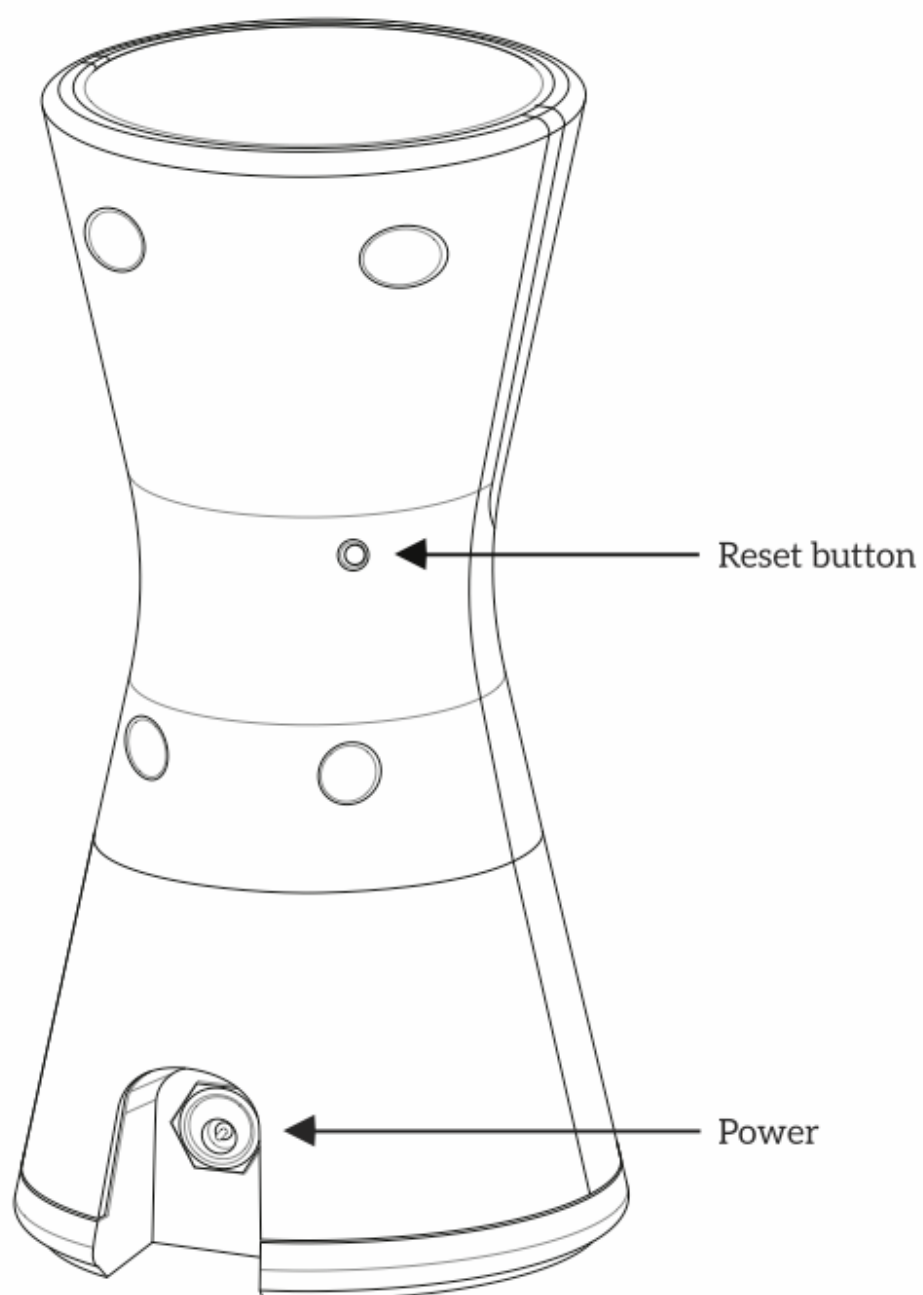
1.3 What you'llneed to download

a. The Kittyo app

1.4 Inside your Kittyo: Front

Camera

Window

Laser

Treat carousel

Treat carousel door

Treat chute

1.5 Inside your Kittyo: Back

Reset button

Power

2 Setting-up your Kittyo for the first time

2.1 Download the Kittyo app and power-up your Kittyo

Download the Kittyo app
a. Connect your smart phone to the local Wi-Fi network
b. Go to the App Store, Google Play, or iTunes. Use search term "kittyo" and you should easily find the Kittyo app
c. Download the Kittyo app

Power up your Kittyo
a. Take your Kittyo out of the box where you plan to keep and operate your Kittyo
b. Take the power cord out of the box
c. Plug the power cord into the back of the Kittyo
d. Plug the other end into an electric wall socket
e. Look through the Kittyo window. You should see a blinking yellow light
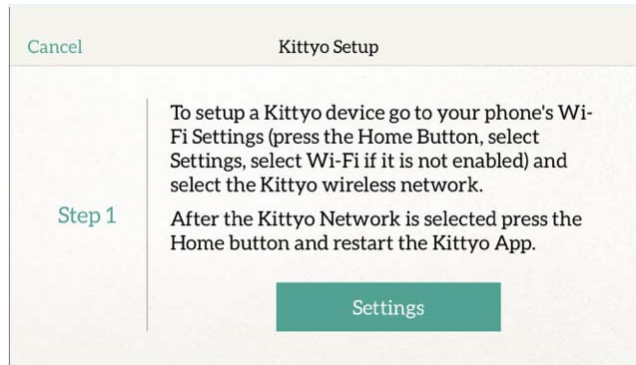f. When the light turns blue continue to the next step.

2.2 Connect to Wi-Fi and secure Kittyo

a. Be sure your smart phone is connected to your home Wi-Fi
b. On your smart phone open the Kittyo app
c. Select the Create Account button from the login screen
d. Enter the following details:
   - Email address *
   - Username *
   - Phone number
   - Zip Code
   - Password *
   - Password confirmation *

   Note: items with (*) are mandatory
e. Select the Register button to start the registration process
f. Wait for a success response; you will be returned to the login screen
g. Enter the Email address and the Password associated with the account, and press the Sign In button.
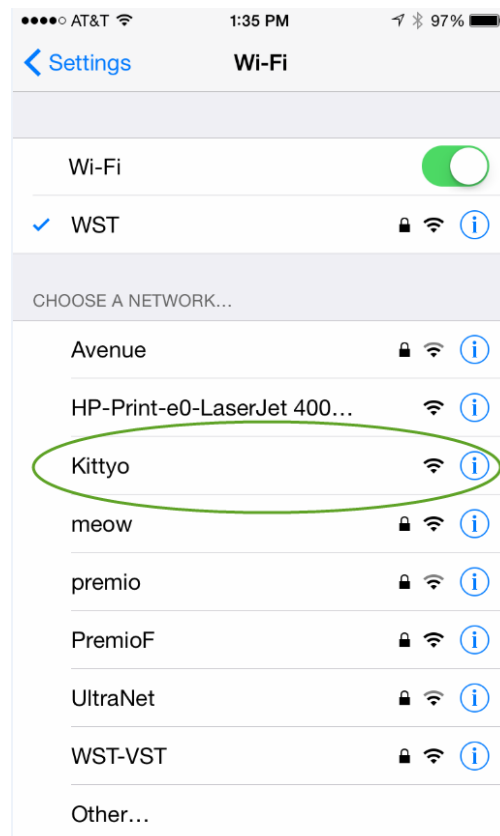h. Select the Add button from the Kittyo device menu

i. The Step 1 Setup screen will then appear in the App. Follow the directions on the screen

Cancel   Kittyo Setup

Step 1

To setup a Kittyo device go to your phone's Wi-Fi Settings (press the Home Button, select Settings, select Wi-Fi if it is not enabled) and select the Kittyo wireless network.

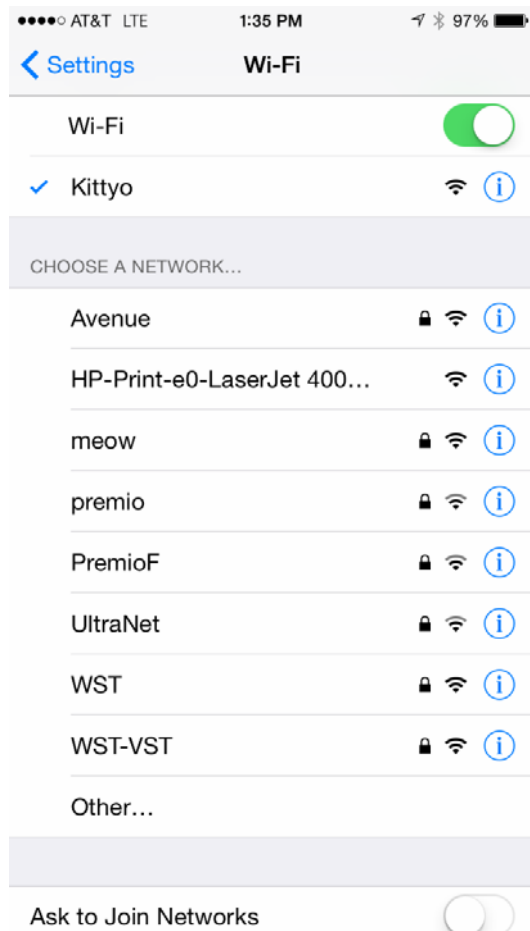After the Kittyo Network is selected press the Home button and restart the Kittyo App.

Settings

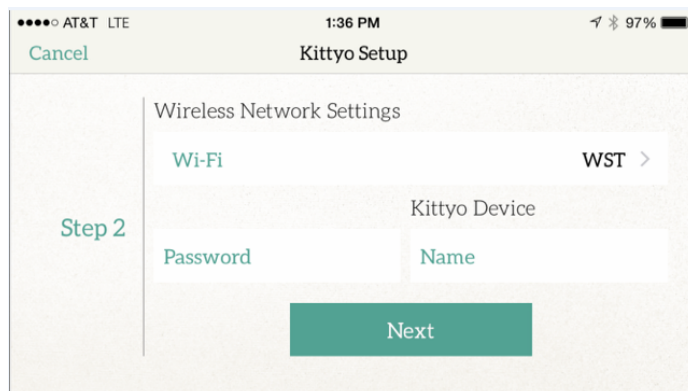Note: Pressing the **Settings** button on the screen will open the Settings App.

j. Depending on the operating system version, either the Wi-Fi settings or the Kittyo App settings will be displayed in the Settings App. If the Kittyo App settings are displayed, hit the back arrow and scroll up to and select the Wi-Fi settings to see a list of available networks

k. After selecting the Kittyo network wait until the connection is confirmed (a checkmark is displayed in iOS) before pressing the Home button and restarting the Kittyo App
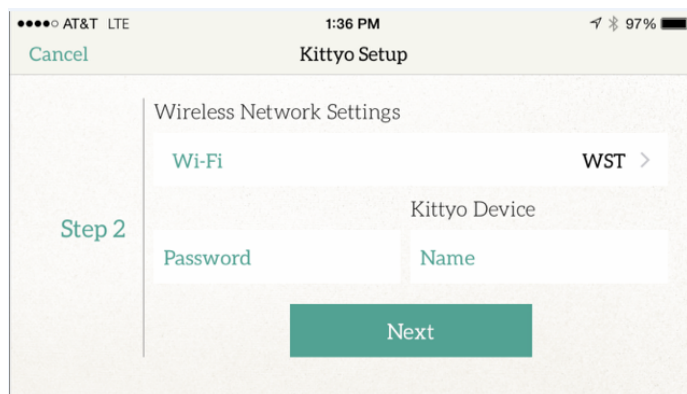

l. After the Kittyo App is restarted the Step 2 screen will be displayed

m. The Wi-Fi network will be set to the last active network. If the desired network is not displayed, select the arrow next to the network name to display a list of available Wi-Fi networks. Select the desired network, then hit the back arrow to return to the previous screen

n. Next enter the Wi-Fi password in the appropriate box; then enter a name for the Kittyo device if desired

Note: If a name is not entered for the Kittyo Device the default name will be 'Kittyo'.

o.   Select the Next key to complete the setup process
p.   Look through the Kittyo window. You should see a blinking blue light
q.   If you are logged in the next screen displayed will allow you to select theKittyo with whichyou want to interact
r.   If you are not logged in you will be returned to the Login screen
s.   When the light turns solid green your Kittyo is setup and ready to use

2.3 Locating and Securing your Kittyo

Place Your Kittyo
We recommend you place your Kittyo on a flat surface 3 to 5 feet above the floor. A higher vantage point provides a larger view of the room. Place it with the treat chute right at the edge of the surface so the treats will fall to the floor.
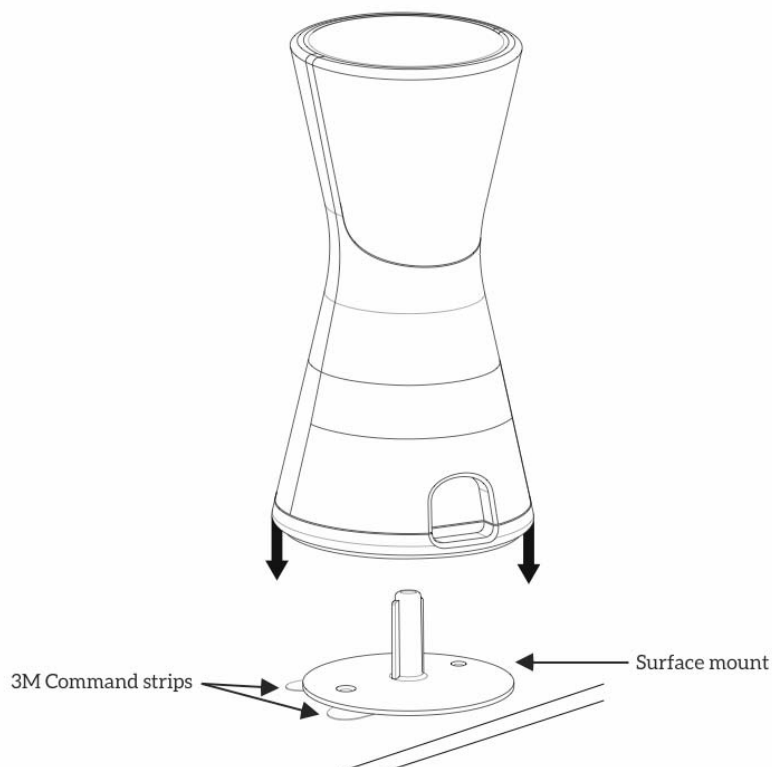
Secure Your Kittyo

⚠	WARNING: Securing your Kittyo with double-stick tape may cause damage to surfaces. Consider this before selecting the most appropriate surface on which to mount Kittyo.

Because we know cats love to knock things over, your Kittyo needs to be secured. When you are completely satisfied that you have the best view of your cat via the Kittyo, secure the Kittyo permanently in place.

- Take the Kittyo surface mount out of the box
- Insert the surface mount tongue into bottom of the Kittyo unit
- Remove the double-stick tape from the bottom of the surface mount
- Stick the surface mount on a flat surface so that the Kittyo unit is positioned facing forward with the treat dispenser right on the edge

Note: If ever you want to remove the Kittyo surface mount: Slowly pull the release tabs, one at a time away from the surface mount, stretching the strip straight out. Keep your hand pressed down on the surface mount as you go. Keep stretching up to 15 inches until the surface mount releases. If you want to reattach the surface mount you can purchase 3M Command™ Large Refill Strips.

3 Using Your Kittyo

3.1 Play with your cat! With the Kittyo app open:

a. **Bell:** Tap the bell icon to activate a sound that will bring your cat running
b. **Microphone:** Tap the microphone icon to speak to your cat
c. **Camera:** You should see a live video feed streaming from the camera in the Kittyo app. Tap the camera icon and you will be presented with two options:
   i. Press the round circular icon to start recording video and sound. The center of the camera icon will blink on and off to indicate that video is being recorded. Tap again to stop recording video. The video will appear in your camera roll
   ii. Tap the square icon to take a photo. The photo will appear in your camera roll
d. **Treats:** Tap the treat icon to dispense a treat for your cat. Before the treat is dispensed, there will be an alert sound
e. **Laser:** To control the Kittyo laser, swipe your finger over the app screen
f. **Automatic Patterns:** To initiate an automatic pattern, double tap on the video screen. You will be presented with various options

Note: Remote interaction sessions using a cellular network are limited to 10 minutes at a time. The connection can be continued by acknowledging the session message on the App.

3.2 Kittyo LED light notifications:

a. **Yellow (blinking slowly):** Kittyo is booting up
b. **Green (blinking quickly):** Kittyo is connecting to wifi
c. **Green (solid):** Kittyo has connected to wifi and is ready to accept connection from phone
d. **LED off:** Kittyo has an active connection and is streaming
e. **Blue (solid):** Kittyo is in setup mode. Use phone app, select add, connect to Kittyo wifi
f. **Blue (blinking slowly):** Kittyo has received your wifi details and is attempting to connect to your wifi and register with the Kittyo server
g. **Red (solid or blinking):** This is a failure. Unplug, wait 10 seconds and plug back in

4 Taking Care of Your Kittyo

4.1 Maintenance

a. Fingerprints or dirt/dust on the window surface can adversely affect the camera's performance. To clean the window and Kittyo body, simply wipe down your Kittyo gently with a dry or slightly damp cloth
b. In the treat carousel, dislodge any stuck treats with a tweezer. Do not turn the Kittyo unit upside down and shake to dislodge treats. Clean the carousel with a cotton swab
c. Keep the Kittyo dry. Precipitation, humidity, condensation and liquids can corrode its electronics
d. Do not use or store Kittyo in highly dusty or dirty areas
e. Do not store Kittyo in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics
f. Do not store in very cold areas. Moisture can form inside the case which may damage electronics
g. Do not attempt to open the case. Non-expert handling of the device may damage the unit.
h. Avoid dropping Kittyo or strong shocks to its body
i. Operate Kittyo using only the power supply included or provided as an accessory
j. Do not overload electrical outlets or extension cords as this can result in fire or electrical shock. Make sure the AC adapter plug is fully connected

4.2 Customer Support

Remember to register your Kittyo!

Visit: www.kittyo.com.

Connect with the Kittyo community:*https://www.facebook.com/LoveMyKittyo*

5Troubleshooting

Before going through these troubleshooting procedures, verify that you have the most current version of this manual. Go to www.kittyo.com and select Owner's Manuals from the Support tab's drag-down list. Navigate to your model's manual and open it. Check the issue and date on the front cover.

If...	Try this...
Your Kittyo is not connecting to your home Wi-Fi	Follow these steps in sequence: First, try to improve the wireless signal quality. If possible, remove obstacles in between camera and router that might block the signal. These could include furniture and cabinets. If the wireless signal is not improved, relocate the Kittyo unit closer to the router. Second, make sure that your router is compatible with the requirements in Section 6.3 WiFi Router Requirements. For example, the router must operate at 2.4 GHz (not 5.6 or 5.1 GHz). Third, unplug your Kittyo unit and plug back in. Fourth, reset your Kittyo as follows: 1. Unplug your Kittyo 2. Take a small paper clip and unfold it until you have an inch or so of straight wire 3. Locate the Reset Button located in a small hole on the back of Kittyo. (See diagram 1.5) 4. Slide the end of the straightened paper clip into the hole 5. Press gently until you feel a click 6. Plug the Kittyo back in while continuing to push the button in with the paper clip. When the light on the Kittyo turns blue release the button. 7. Follow setup guide instructions in section 2.2 of this document
Your Kittyo is not working	• Make sure the power adaptor is not damaged or defective and is plugged into an electrical outlet with power. • Relocate the unit to obtain the best reception of wireless signals. • Make sure the camera is properly configured in the app.
The image quality is poor	Clean the window using a glass cleaning cloth. Spots or dust on the window can cause image quality problems.
The treat carousel won't open	Unplug the unit and stick your finger in the treat chute and make to make sure there are no treats lodged. Also, you lightly shake the unit to see if any of the treats are stuck.

6Specifications

6.1 Standard Specifications:

Power Supply Input	100~240V AC 0.4A 50/60Hz 0.8A
Power Supply Output	5V DC 4.0A
Kittyo Power Consumption	5V DC 800mA avg; 3.5A max
Body Dimension (HxW)	9"x4.9" (23cmx12.5cm)
Weight	32oz (910 g)
Operating Temperature	40° F to 100° F (-5° to 38° C)
Network Wireless Technology	2.4GHz IEEE 802.11g, 802.11n(HT20), 802.11n(HT40)
Simultaneous Views	1 Concurrent session
Security	WEP, WPA /WPA2 (TKIP, 128 bit AES)
Laser	Class IIIa/3R (red) <5mW
Viewing Angle	H: 118° V: 66°
Min. Upload Bandwidth Requirement	768 kbps per VGA resolution
Image Compression	720p capable using H.264 compression
Image Resolution	1280x720, 640x360, 320x240
Recording Frame Rate	Max 30 FPS
Android Requirement	Android 4.4 or above
iOS Requirement	iOS 7.0 or above

6.2 Additional Features:

Still pictures	Captured via App
Video and audio recording	Captured via App
AUDIO	Preprogrammed notifier sounds are available in the App. Sound from the Kittyo is recorded at 44.1 kHz stereo.
INDICATORS	A single RGB LED is available to indicate the current status of the Kittyo
MULTIPLE KITTYOS	The Kittyo App supports multiple Kittyo devices on a network.

6.3 WiFi Router Requirements:

- You need a wireless router network IEEE 802.11g, 802.11n(HT20), 802.11n(HT40)

- You need a broadband internet connection. An upload speed of at least 2 Mbps is recommended. Local network conditions can adversely affect video performance.

- The Kittyo has a wireless signal that operates on the 2.4 GHz bandwidth. Any other devices in the area where this is placed that operate on this bandwidth may provide interference which could affect the setup process and ongoing performance.