Toucan Surveillance Kit
Camera & Smart Socket

User’s Manual
Model: TSK100KU
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1. Key Features

Prevent a Break In, before it happens

- Easy 3-Steps Installation
  - DIY installation in minutes; no need to pull wires

- Wireless Connectivity
  - Built-in Wi-Fi® and Bluetooth® technology

- Wide Angle Adjustable Lens
  - Clear HD LIVE video feed and event recording capture

- Passive Infrared Sensor
  - Detects change in motion

- 2-way communication
  - Built-in microphone and high-fidelity speaker for clear audio communication

- 100dB Siren Alarm
  - Sound the alarm instantly to unwanted visitors

- Weatherproof Design
  - Withstands rain, snow, humidity, and house maintenance year-round

Toucan Camera
Easy to install the smart socket

Adapt to lamp fixture
- Simply thread in E26 adapter between fixture and the bulb

Mesh Network Connectivity
- Total security solution for entire home with Bluetooth® technology

Remote Light Control
- Turn on and off the lights

USB power adapter
- Provides power to camera

Schedule dusk-to-dawn
- Timer feature to schedule light to turn on at dusk and off at dawn

Toucan Smart Socket
Functions on the KUNA app

Free app to receive automatic notifications, view live video, and speak directly to those at your door. Captured footage up to 2 hours and stored in Cloud Server. Never miss a moment!

- **Automatically Notifications**
- **Toucan Camera Name** (Set up by user)
- **Live Video Indicator**
- **Date**
- **Wide Angle LIVE view**
- **100dB Siren Alarm** (Sound the alarm instantly to unwanted visitors)
- **Light Control** (Turn ON/OFF the lights)
- **Play Message** (Pre-recorded messages)
- **Hold to Talk** (2-way communication)
- **LIVE Camera**
- **Camera Setting**
- **View Past Event Videos**
- **App and Contact Info**
2. What Is Included

Before installing Toucan, make sure all parts are present. If any part is missing, please contact VuPoint Solutions at support@vupointsolutions.com

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Description</th>
<th>Qty</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mount Camera On Mount Plate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Toucan Camera</td>
<td>1</td>
<td>Mount camera under light fixture</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Smart Socket</td>
<td>1</td>
<td>Thread in between light fixture and light bulb. USB port provides power to camera.</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Conduit</td>
<td>1</td>
<td>Manage the cable between camera and light fixture</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Conduit Cover</td>
<td>1</td>
<td>Fix the cable position on conduit</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Mount Plate Cover</td>
<td>1</td>
<td>Fix the cable position on mount plate</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Positioning Sticker</td>
<td>1</td>
<td>Indicate the camera location after move out the camera on wall</td>
</tr>
<tr>
<td>Cable Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>USB cable 1m with silicon pipe</td>
<td>1</td>
<td>Connect camera to socket to get power source. Silicon pipe protects USB cable when installing lamp shade on fixture</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Cable Clip</td>
<td>3</td>
<td>Manage the cable on light base plate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mount of Wall</td>
<td></td>
<td></td>
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<tr>
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<tr>
<td></td>
<td></td>
<td><strong>Mount Screws</strong></td>
<td>2</td>
<td>Wall mount purpose</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Washers</strong></td>
<td>2</td>
<td>Wall mount purpose</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Wall Inserts</strong></td>
<td>2</td>
<td>Wall mount purpose</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Hexagonal Wrench</strong></td>
<td>1</td>
<td>Lock the camera on base plate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Manual and Labels</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>User’s Manual</strong></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Warranty Card</strong></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Secure Stickers</strong></td>
<td>1</td>
<td>Alert intruder that home is secured by Toucan</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Power Sticker</strong></td>
<td>1</td>
<td>Stick on main power switch</td>
</tr>
</tbody>
</table>
3. **Toucan Camera & Socket Installation**

Refer to “What Is Included” in Section 2 for part installation for the steps below:

**Step 1: Socket installation**

1. **Install Smart Socket** to fixture
2. **Thread in light bulb**
3. **Remove USB cover**
4. **Attach USB Cable to Smart Socket**
5. **Reattach lamp shade if necessary**
6. **Screw lamp shade back in and drag out USB cable through the shade then adjust Silicon Pipe from USB cable to protect cable**
Step 2: Mounting the camera’s back plate

Remove optional inner temporary adhesive for camera positioning and use leveler to align and balance back plate. You can use a pencil or Position Sticker (included) to mark placement before adhering to your wall.

Refer to Option 1 to mount camera to wall with adhesive or Option 2 to mount camera to wall with screws.

OPTION 1: Mounting with adhesive

1. After using the leveler to adjust the balance of the plate, adhere the Positioning Sticker to mark the center of the plate.

2. Remove outer adhesive from back plate for a more stable placement of the camera to the wall.

3. Align back plate with the Positioning Sticker on the wall to center the plate.
OPTION 2: Mounting with screws

1. After using the leveler to adjust the balance of the place, you can use a pencil to mark the placement for the screws.

2. Drill holes for screws placement.

3. Install Wall Inserts.

4. Mount back plate with Washers and Screws.
**Step 3: Cable management**

1. Plug **USB Cable** into the back of the camera and loop the cable around the rings; continue looping the cable if necessary.

2. Attach **Conduit** to align the cable. Extend/retract conduit’s length by sliding it. Then attach the **Conduit Cover** to the top of the conduit.

3. Position camera and use **Cable Clips** to manage the cable if necessary.

**Step 4: Camera body installation**

1. Mount the camera to the back plate and align the white dot to the left of the screw where the white arrow starts and rotate camera 10° counter-clockwise to lock.

2. Tighten the lock with **Hexagonal Screwdriver**.
4. Getting The Kuna App

In order to set up your Toucan, please make sure it's successfully installed, and the status LED on the bottom left side of your light is flashing red. This means that your Toucan is ready to be set up!

**Step 1 - Download the Kuna App**

First, download the free Kuna app from the [Apple App Store](https://apps.apple.com) (for iOS) or the [Google Play Store](https://play.google.com) (for Android). You can also visit [getkuna.com/app](https://getkuna.com/app) from your browser or scan the QR Code for the app.

You will need to create an account specifically for the Kuna app. If you already have one, you can skip to Step 3.

**Step 2 - Create an Account**

When you launch the Kuna app for the first time, it will prompt you to create an account with your email address and password. Click the "Create an Account" button, enter and confirm your email, and choose a password. You will receive a confirmation email from us when your new account is active.

**Step 3 - Sign In**

Log in to the Kuna app using your email and password.

If you don’t remember your password, click the “Forgot you password?” link to reset it.
Step 4 - Add your Toucan to Your Account

Once logged in, you will see the Cameras page. Select the Camera Plus button in the upper right hand corner to display your new Toucan.

Because the set-up process uses Bluetooth technology, you will need to be close to your Toucan. We recommend holding your mobile device no more than 5 feet away.
If the app displays multiple Toucans, the one you’re setting up should have the strongest Bluetooth signal. Make sure you’re standing close to it.

Please note: If you are setting up multiple Toucans, you will need to go through this set-up process for each new Toucan, starting at Step 4. This allows you to set different locations and Wi-Fi networks for each Toucan, if you wish.

**Step 5 - Set Your Location**

Connecting to your Toucan can take up to a minute. Once the app connects, set your time zone and enter your city (or a city within 100 miles or so) under location. Toucan uses your approximate location to make your light schedule more accurate. You DO NOT need to provide your full address.
Step 6 – Select Your Wi-Fi Network

Click into “Select Wi-Fi Network” to configure your Toucan’s Wi-Fi setup. If you don’t see your network, or your network is hidden, click “Use Other Network”.

Step 7 – Connect Your Kuna to Wi-Fi

Next, enter the password for your local Wi-Fi network. Make sure that your Toucan is able to see a strong signal (by checking the Wi-Fi signal bars next to your network’s name). Then, enter the password for your local Wi-Fi network. We recommend enabling our Show Password feature for this step, so you can make sure it’s spelled correctly.

Then, click Set Up Camera. This connection can take up to a minute.
5. Setting Up A Light Schedule

You can set when your Toucan light to turn on and off with a light schedule and motion detection.

Tap the settings “gear” for the light you want to adjust in the Camera tab of the app. Then scroll down and tap Light Schedule.

For example, if you want your light to turn on automatically in the evening, but off at night to save energy, you can choose “dusk” for when the light comes on, “10 pm” for when the light turns off, and have the motion sensor turn the light on at night.

Your light schedule will work best if your Toucan knows your general location. To set up or change your location, refer to Section 6.
6. Setting Your Location

This feature makes the dawn/dusk setting on your light schedule more accurate.

We care about your privacy, and we don’t need your personal information for this feature to work at its best. You can make your location as specific as your full address, or you can choose a city within about a hundred miles.

If you have already taken your Toucan through setup and are ready to set your location, head to the Cameras tab of your mobile app, and hit the Settings icon “gear” next to your Toucan’s name.

Then, under “Location”, and your city.

That’s it – your Toucan will now pick up dusk and dawn times by your location!
7. Setting Motion Detection Sensitivity

If your Toucan is picking up a lot of false alarms or missing you when you walk by, you can adjust the motion detection sensitivity yourself.

Tap on the settings “gear” icon for the Toucan you want to adjust in the “Cameras” tab.

Adjust the sensitivity slider. 0 is the least sensitive, and 100 is the most sensitive. If your Toucan faces the street, we recommend a setting of about 50 as a good balance between prompt detection and filtering out cars.
8. Viewing & Downloading Your Recordings

To view your past recordings, tap “Recordings” to view animated video thumbnails or tap into the video of your choice.

To download a recording, simply select the recording to view it. Then tap the download button and the recording will be saved to your phone.

You can find the recording in your film roll in iOS, and in your Downloads folder in Android. Then you can email it, or share it!

With any premium plan, you can download as many recording as you want. Without a plan, you are limited to three downloads per month.

To learn more about optional subscription plan, visit https://www.getkuna.com/plan/
9. Setting Alerts For Individual Toucans

I want to get alerts from my front door Toucan, but I don’t want to get alerts for my garage Toucan

You can set the alerts for your Toucans in two different ways. First is to go into the global setting view, then select the alerts.

You’ll be presented with a menu that allows you to turn on alerts globally (for all your Toucans at the same time) or individually for each Toucan.

Note: These settings are unique to your account, so if you have shared your Toucan with another user they can set their own alert settings. To share your Toucan to another user, refer to Section 10
10. Share & Access From Difference Devices

I want my spouse or family member to use my Toucan, how do I share it with them?

You can access your Toucan from multiple logins and devices as long as you have the Kuna app downloaded, so you can share access with your spouse or another family member.

To share your Toucan, the easiest way is to have the other person first sign up for their own Kuna account. To sign up for an account refer to Section 4, Step 1, 2, and 3.

To share, tap on the settings “gear” for that particular Toucan, then select “Share Kuna” option.

Tap the “+” button to add other users, then enter the email address for their account.

The other user will automatically get access to this Toucan the next time they log in to the Kuna app.

**Note:** Alert preferences are set individually for each account. Refer to Section 9 to manage alert settings.
## 11. Specifications

### Toucan Camera

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camera</td>
<td>HD 720p resolution</td>
</tr>
<tr>
<td>Video resolution</td>
<td>1280x720 at 30 fps. H.264</td>
</tr>
<tr>
<td>Field of View</td>
<td>116 degrees (diagonal)</td>
</tr>
<tr>
<td>Wi-Fi®</td>
<td>2.4GHz 802.11 b/g/n</td>
</tr>
<tr>
<td>Bluetooth®</td>
<td>Bluetooth® BLE 4.0</td>
</tr>
<tr>
<td>Siren Alarm</td>
<td>100 dB</td>
</tr>
<tr>
<td>Lighting Control</td>
<td>On/Off/Scheduling with app</td>
</tr>
<tr>
<td>Weatherproof Design</td>
<td>IP44</td>
</tr>
<tr>
<td>Dimensions (L×H×W)</td>
<td>4.6” x 4.6” x1.9”</td>
</tr>
</tbody>
</table>

### Toucan Smart Socket

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Base Type</td>
<td>Socket type E26</td>
</tr>
<tr>
<td>USB Output</td>
<td>5V/1A</td>
</tr>
<tr>
<td>USB Input</td>
<td>100-240VAC, 50/60Hz</td>
</tr>
<tr>
<td>Lighting Control</td>
<td>On/Off/Scheduling through BLE Mesh Network</td>
</tr>
<tr>
<td>Bluetooth®</td>
<td>Bluetooth® BLE 4.0</td>
</tr>
<tr>
<td>Light bulb</td>
<td>Support maximum 75W standard bulb; recommended 10W LED light bulb; not included</td>
</tr>
</tbody>
</table>
## 12. Troubleshooting & FAQ

<table>
<thead>
<tr>
<th><strong>Frequently Asked Questions</strong></th>
<th><strong>Answer</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. How long will my recordings be available?</td>
<td>All Toucan come standard with a two-hour download and “look back” window. With premium subscription plans, you can “go back in time” to access every event that your Toucan generated for up to 30 days.</td>
</tr>
<tr>
<td>2. How do I download a recording?</td>
<td>Refer to Section 8</td>
</tr>
<tr>
<td>3. Do I have to leave my light switch on?</td>
<td>Yes, Toucan uses power continuously, so you will have to leave the light switch on. We have provided with your Toucan a “Keep it On” label as reminder to leave the switch on</td>
</tr>
<tr>
<td>4. How many Toucan Cameras can I install at home?</td>
<td>There’s no limit. We recommend installing Toucan at all major entry points. You can add multiple camera to your Kuna app and manage each camera all in one app</td>
</tr>
<tr>
<td>5. Can I use LED bulb with Toucan</td>
<td>Yes, we recommend that you use an LED bulb.</td>
</tr>
<tr>
<td>6. What is the maximum light bulb wattage I can use with the Smart Socket</td>
<td>Smart Socket supports up to maximum 75W</td>
</tr>
<tr>
<td>7. I do not see any Toucan show up in setup screen</td>
<td>Toucan uses Bluetooth® LE 4.0 for setup. You will need to be within about 10 feet of the Toucan and have Bluetooth enabled on your mobile device. Try rebooting your mobile device and launching the Kuna app again</td>
</tr>
</tbody>
</table>
|   |   | 1) **Reboot your Toucan:** Turn off your Toucan (using the light switch it’s connected to) and wait at least 10 seconds. Then, turn on the light switch back on  
|  |  | 2) **Run Through the Set-Up Process:** Refer to Section 4  
|  |  | * may be caused by weak Wi-Fi signal. Improve performance by moving your router closer to your Toucan, or adding a Range Extender in between  
|   | My Toucan is “offline” |  

**Note:** Model Number and Serial Number (S/N) is located on the packaging, instruction manual, on the product or inside the battery compartment. Please have this information ready before contacting tech support.
FCC Statement

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the 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:

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

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

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