



Roucan Camera and Smart Socket User Manual

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**Toucan Surveillance Kit
Camera & Smart Socket
USER'S MANUAL
Model: TSK100KU**

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Key Features

Toucan Camera

Prevent a Break-In, before it happens.



Easy 3-Steps Installation

- DIY installation in minutes; no need to pull wires



Wireless Connectivity

- Built-in WiFi® 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

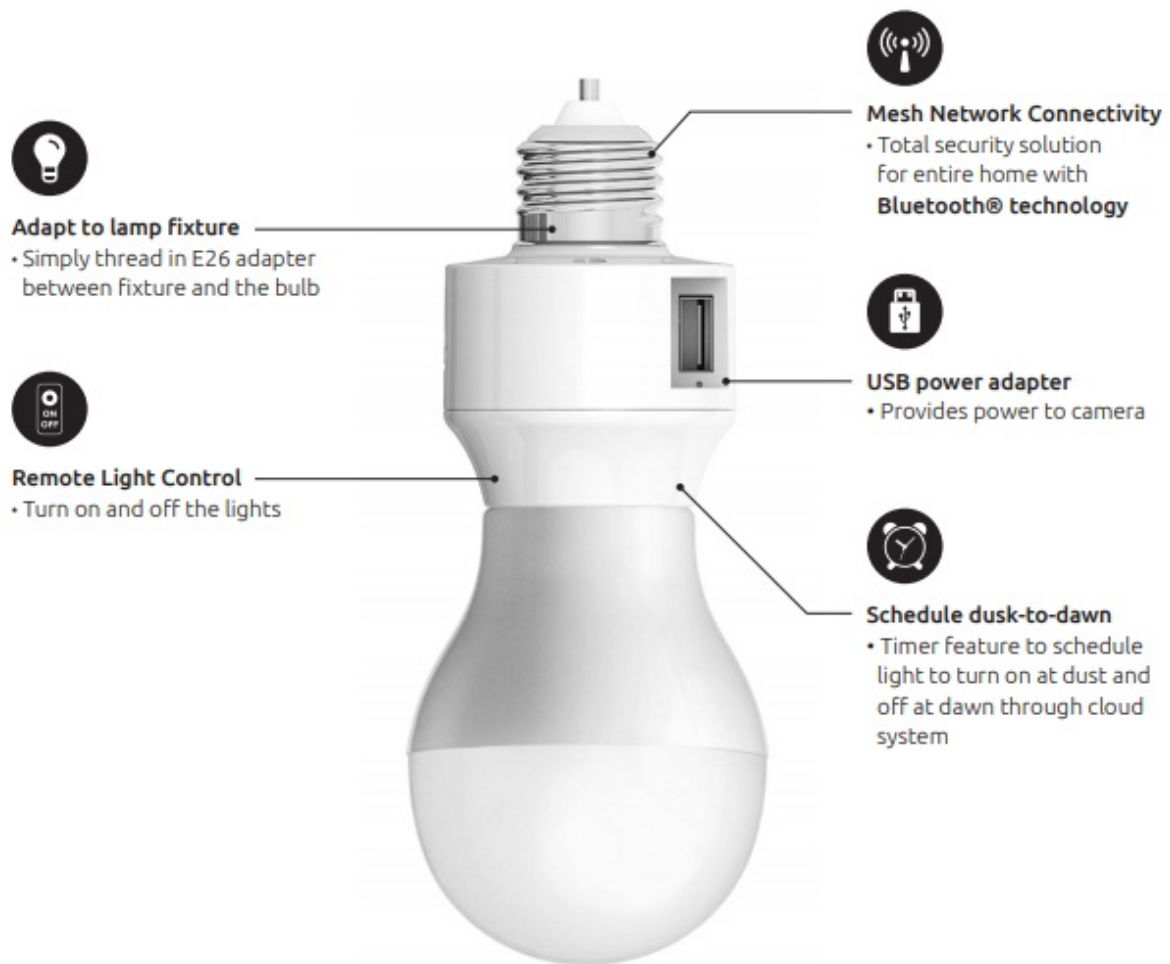
- Withstands rain, snow, humidity, and house maintenance year-round



Key Features

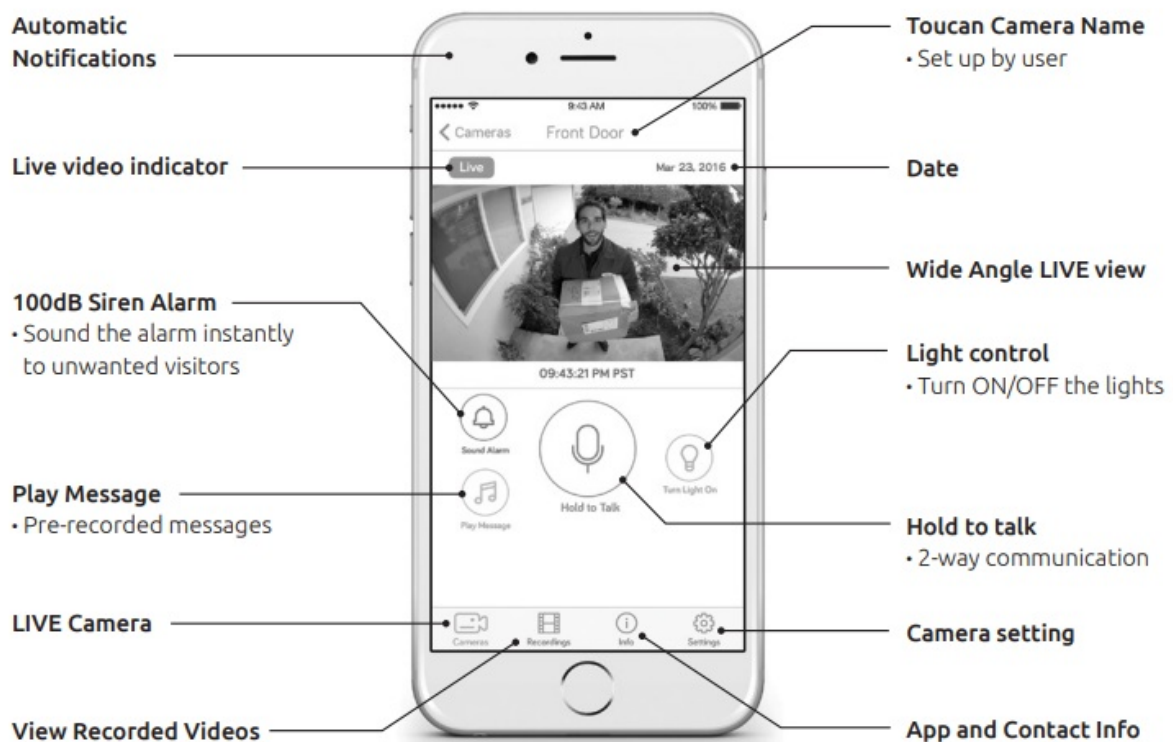
Smart Socket

Easy to install the 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!











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.

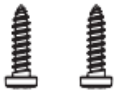



Mount Camera on Back Plate

	Toucan Camera <ul style="list-style-type: none">• Mount camera under the light fixture
	Smart Socket <ul style="list-style-type: none">• Thread in between light fixture and light bulb. USB port provides power to the camera.
	Back Plate Cover <ul style="list-style-type: none">• Fix the cable position
	Conduit Cover <ul style="list-style-type: none">• Fix the cable position
	Camera Back Plate <ul style="list-style-type: none">• Fix the cable position on the backplate
	Positioning Sticker <ul style="list-style-type: none">• Indicator for camera's position on the wall during installation
	Conduit <ul style="list-style-type: none">• Manage the cable between cable and light fixture with adjustable length
	Visor <ul style="list-style-type: none">• Anti-glare from light bulb

Cable Management


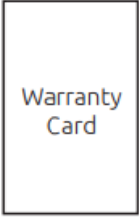


	USB cable with Silicon pipe <ul style="list-style-type: none">• Connect the camera to a socket for a power source. Silicon pipe protects USB cable when installing lamp shade on the fixture.
	Cable Clips (3pcs) <ul style="list-style-type: none">• Manage the cable on the light base plate

Mount of Wall

	Mount Screws (2pcs) <ul style="list-style-type: none">• Wall mount purpose
	Washers (2pcs) <ul style="list-style-type: none">• Wall mount purpose
	Wall Inserts (2pcs) <ul style="list-style-type: none">• Wall mount purpose
	Hexagonal wrench <ul style="list-style-type: none">• Lock and unlock the camera on backplate

What is Included

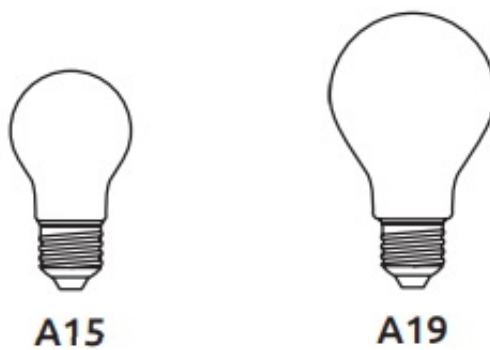
Manual and Labels

	User's Manual
	Warranty Card
	Power Sticker <ul style="list-style-type: none"> • Stick on the main power switch
	Secure Stickers (3pcs) <ul style="list-style-type: none"> • Alert intruder that home is secured by Toucan

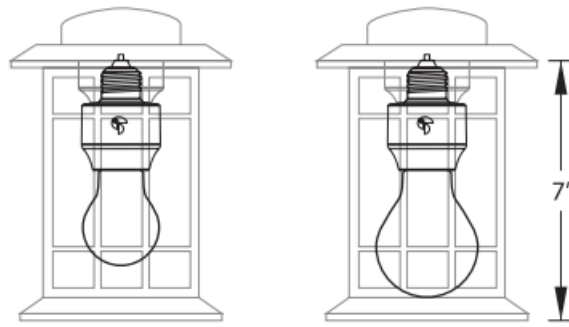
Positioning

Smart Socket is compatible with standard commonly known light bulbs A15 and A19 and can support up to 75W. If your lampshade height is less than 7 inches, or if your light bulb protrudes from your light fixture after threading in Smart Socket and light bulb, please consider changing to a smaller light bulb.

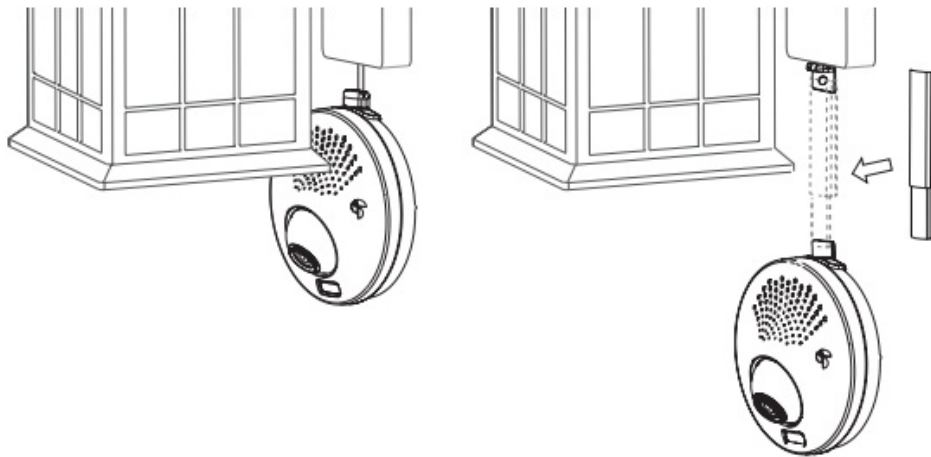
Lightbulb



Light fixture with socket



It is recommended to position the camera beneath the light fixture. If the camera is placed approx. 5" beneath the lamp base against the wall, please install the conduit to manage the cables.

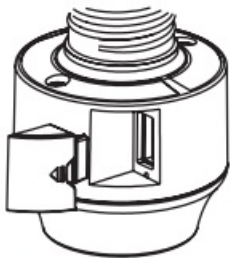


*Placement recommendations may vary based on different light fixture's designs, styles, and sizes.

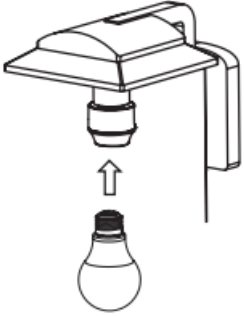
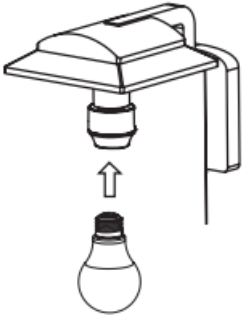
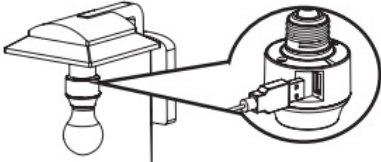
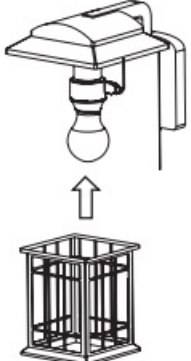
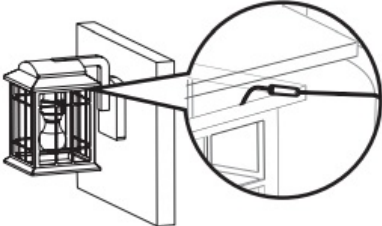
Toucan Installation

Before installation, make sure the power switch is OFF or disconnect power at the fuse.
Refer to "What Is Included" in Section 2 for part installation for the steps below:

STEP 1 Socket installation



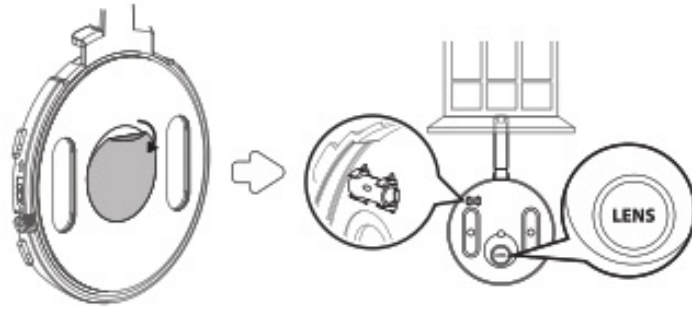
Remove USB cover. Before installing the socket into the light fixture, disassemble the lampshade if necessary.

	<p>Install Smart Socket to fixture.</p>
	<p>Thread in the light bulb.</p>
	<p>Attach USB Cable to Smart Socket.</p>
	<p>Reattach lamp shade if necessary.</p>
	<p>Screw lampshade back in and drag out USB cable through the shade then adjust Silicon Pipe from the USB cable to protect the cable.</p>

STEP 2 Mounting the camera's backplate

Remove optional inner temporary adhesive for camera positioning and use a leveler to align and balance the back plate. You can use a pencil or Position Sticker (included) to mark placement before adhering to your wall. Attach conduit and cover on the back plate to determine the conduit's length. Afterward, remove the conduit from the back plate.

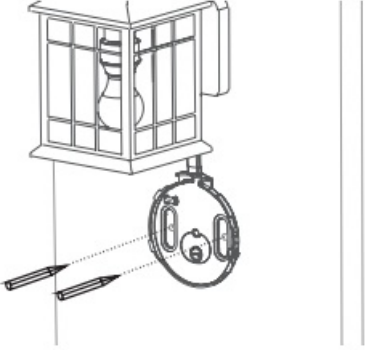
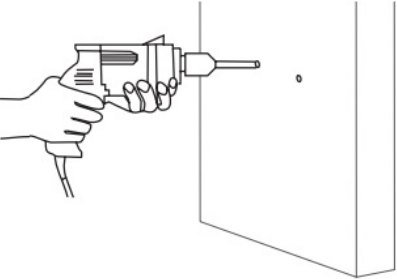
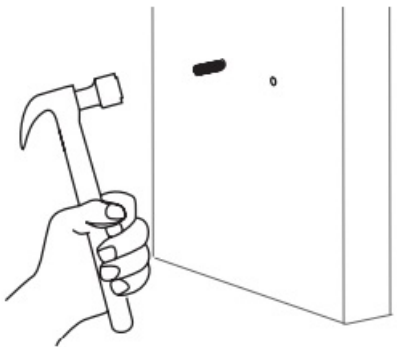
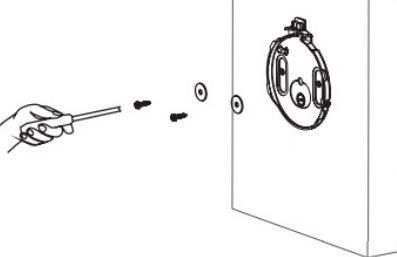
Refer to **Option 1** to mount the camera to the wall with adhesive or **Option 2** to mount the camera to the wall with screws.

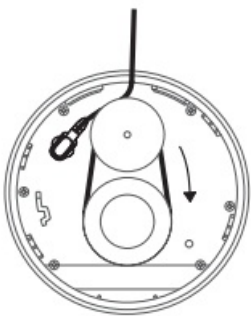


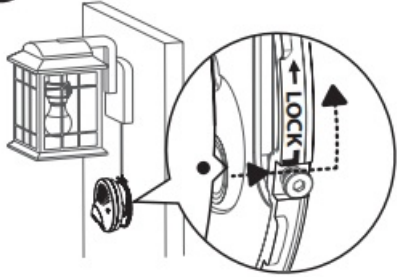
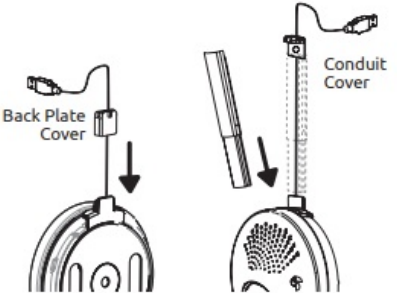
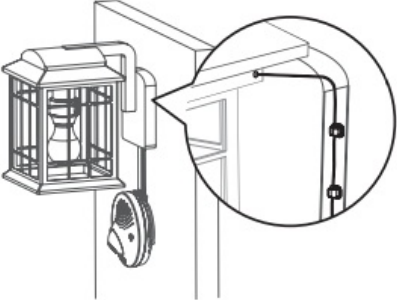


OPTION 1 Mounting with adhesive

	<p>After using the Leveler to adjust the balance of the plate, adhere to the Positioning Sticker to mark the center of the plate.</p>
	<p>Remove and flip plate to remove outer adhesive from the backplate for more stable placement of the camera to the wall.</p>
	<p>Align the backplate with the Positioning Sticker on the wall to center the plate.</p>

Toucan Installation

	<p>After using the Leveler to adjust the balance of the plate, you can use a pencil to mark the placement for the screws.</p>
	<p>Drill holes for screws placement.</p>
	<p>Install Wall Inserts.</p>
	<p>Mount backplate with Washers and Screws.</p>

	<p>Plug USB Cable into the back of the camera and loop the cable around the rings; continue looping the cable if necessary.</p>
-------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

	<p>Mount the camera to the backplate and align the white dot to the left of the screw where the white arrow starts and rotate the camera counter-clockwise to lock.</p>
	<p>Manage the cable with an optional Conduit. 1) Attach the Back Plate Cover to the backplate if the conduit is not used. 2) Attach conduit then the Conduit Cover on top.</p>
	<p>Position camera and use Cable Clips to manage the cable if necessary.</p>
	<p>Tighten the security screw with a hexagonal wrench. Do not over-tighten the security screw.</p>
	<p>Attach Visor to the top of the camera lens.</p>

Status LED Indicators

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 Toucan camera is flashing red. This means that your Toucan is ready to be set up!

LED STATUS	DESCRIPTION
Solid Red	Booting
Flashing Red	Waiting for Wi-Fi Connection
Flashing Yellow	Connected to Wi-Fi Waiting for connection to Kuna Servers
Solid Blue	Connected to Kuna Servers and operating normally
Solid Purple	Firmware updating triggered by user

Specifications

Toucan Camera (Model: TC100KU)

Camera	HD 720p resolution
Video resolution	1280×720 at 30 fps. H.264
Field of View	116 degrees (diagonal)
Wi-Fi®	2.4GHz 802.11 b/g/n
Bluetooth®	Bluetooth® BLE 4.0
Siren Alarm	100 dB
Lighting Control	On/Off/Scheduling with app
Weatherproof Design	Yes
Dimensions (L×H×W)	4.6" x 4.6" x1.9"
Microphone:	Built-in
Speaker:	Built-in
Input Voltage:	DC:5V/1.0A
Compatibility:	iOS: 5 or above / Android : 4.3 or above
Operating temperature:	-40°F – 140°F

Toucan Smart Socket (Model: TS100WU)

Lamp Base Type	Socket type E26
USB Output	DC5V, 1A
Input	AC120V, 60Hz
Lighting Control	On/Off/Scheduling through BLE Mesh Network
Bluetooth®	Bluetooth® BLE 4.0
Light bulb	Support maximum 75W standard bulb; recommended 10W LED light bulb; not included
Dimensions	2"(Dia.) x 3"

Troubleshooting & FAQ

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

Frequently Asked Questions

How long will my recordings be available?	All Toucan comes 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.
Do I have to leave my light switch on?	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 a reminder to leave the switch on.
How many Toucan Cameras can I install at home?	There’s no limit. We recommend installing Toucan at all major entry points. You can add multiple cameras to your Kuna app and manage each camera all in one app.
Can I use an LED bulb with Toucan?	Yes, we recommend that you use an LED bulb.
What is the maximum light bulb wattage I can use it with the Smart Socket?	Smart Socket supports up to a maximum of 75W.
I do not see any Toucan camera show up in setup screen?	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 launch the Kuna app again.
My Toucan is “offline”?	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: Re-add the Toucan camera again. * 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.

Note: If you need to change the router or ownership of your Toucan, please contact Kuna Customer Service to

reset the Toucan.

Regulations & Compliance

SAFETY & OPERATIONS

USB power output max. up to 5W. Please adhere to the following safety instructions. Failure to follow the instructions outlined in the user's manual may lead to serious personal injury and possible property damage.

Use only the USB cable packaged with the product from Toucan. The Smart Socket and USB cable may become warm during normal use. Always allow adequate ventilation around the smart socket and USB cable and use care when handling. Unplug the device if any of the following conditions exist:

- the USB cable or Smart Socket has become frayed or damaged
- the USB connector or Smart Socket is exposed to rain, liquid, or excessive moisture
- the USB cable or Smart Socket has become damaged
- you suspect the USB cable or Smart Socket needs service or repair
- you want to clean the USB cable or Smart Socket

Regulations & Compliance

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.

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Camera FCC ID: 2ABT4TC100KU

Socket FCC ID: 2ABT4TS100WU

U.S. Patent Pending

TSK100KU_Manual_16-0226

www.toucan.solutions

Documents / Resources



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