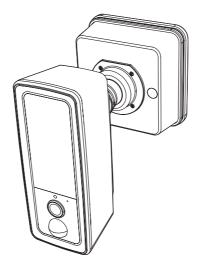


# App-Controlled Motion-Activated Light with Camera

Model: LM56176 CARE & USE INSTRUCTIONS



### IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

For assistance with assembly, installation, parts and customer service, call us at 1-866-294-9244, Monday - Friday, 8am - 5pm Pacific Time, email us at info@kodabuilt.com

2975 Red Hill Ave., Ste. 100, Costa Mesa, CA 92626, USA

www.KodaBuilt.com

# **Table of Contents**

1. Table of Contents	2
2. Package Contains	3
3. Product Specifications	4
4. Product Overview	6
5. Pre-Installation Check List	7
6. Download the app	8
7. Set up the app	9
8. Installation	12
9. Using the app	20
10. FCC / IC Compliance Statement	23
11. Important Safety Instructions	24
12. Maintenance & Warranty	26
13. Terms and Conditions	28

# **Package Contains**









1x Motion-Activated Light 1x Wall Mounting with Camera Plate

1 x Instruction Manual 1 x Quick Installation Guide



### Tools Needed (not included)



# **Product Specifications**

Input: Wattage: Dimensions (D x W x H):

Light Output: Color Temperature: Video Resolution: Viewing Angle: IR Night Vision: Connectivity:

Audio: Siren Level: Weather-Resistance: Operating Temperature: 120 Vac, 60 Hz, 0.17A 20W 4.8 in x 7.59 in x 7.91 in (122 mm x 193 mm x 201 mm) 1300 Lm 4000 K (natural white) 1080p full HD 106° field of view Up to 9.8ft (3m) 802.11b/g/n @ 2.4 GHz with minimum 2 Mbps upload and download speeds Two-way audio with noise cancellation 90dB (+/-3dB) IP65 rated -4°F~104°F (-20°C~40°C)

# **Product Specifications**

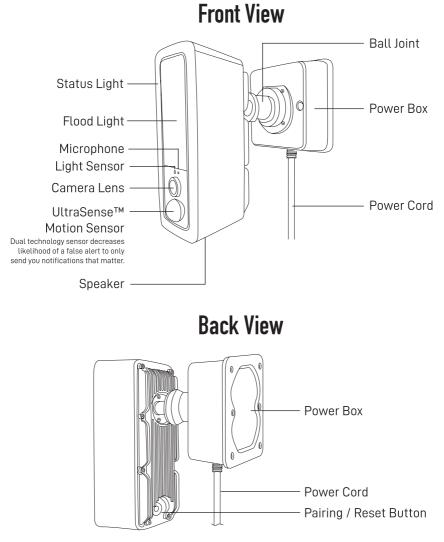
### **Status Light Indication**

LED Light Indication	Device Status
Solid white	AC Power On - Device is powered on
Alternate flashing red and blue	Smartphone Pairing - Device pairing mode is activated
Flashing green	Wi-Fi Pairing - Device is scanning for Wi-Fi networks for pairing (30 seconds)
Solid blue	Wi-Fi Paired - Device has successfully paired / connected to Wi-Fi and is ready to use
Flashing purple	Firmware Update in process - Do not disconnect power to your device
Blink red once	Detection mode enabled
Flashing white three times	Motion has been detected
Solid green	Live view in process
Slow flashing red	Siren Warning - Siren can only be activated through the app - Siren will only be on in 30-second increments
Solid yellow	Factory Reset - Device is reset back to factory setting
Solid red	Reboot Camera - Device is rebooted without changing setting

### Pairing / Reset Button Instruction

Function	Instruction
Pairing	Press and hold for more than 5 seconds until status light is solid blue and release button
Factory Reset	Press and hold for more than 8 seconds until status light is solid yellow and release button
Reboot without changing setting	Press and hold for more than 12 seconds until status light is solid red and release button

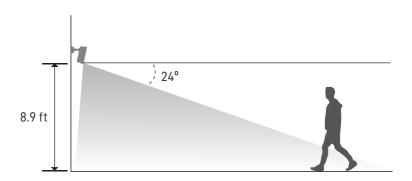
# **Product Overview**



# Pre-Installation Check List

### Select the installation location

We recommend installing the LightCam 8.9 ft (2.7 m) above the ground, with camera tilted down 24 degrees for optimal viewing. Once the LightCam has been installed, open the KODA app to adjust the viewing angle as needed.



### Check WiFi Signal

Make sure your home Wi-Fi network is within range of the installation location. Check your smartphone where the installation point for at least three bars.

**TIP:** Stream a video at the installation point to determine if the Wi-Fi signal is stable at that location. Thick walls or insulation may decrease your Wi-Fi signal strength significantly so checking your signal strength prior to installation is important.

# Download the app

Install the KODA app on your smartphone. Scan the QR code below or search "KODA Smart Home" in the App Store or Google Play. Download and install the app.



**NOTE:** The app is only available on smartphones with Apple iOS 9 or newer, and Android 5.0 or newer. The KODA app is not accessible from tablets, browsers, or PCs.

**TIP:** Check out the installation video at www.kodabuilt.com to help familiarize yourself with the installation process before starting.

**TIP:** We recommend pairing your smartphone to your LightCam prior to installation. Download the app, plug your LightCam into an outlet, and follow the in-app instructions.

iPhone, iPad and iPod touch are trademarks of Apple Inc. Android is a trademark of Google Inc.

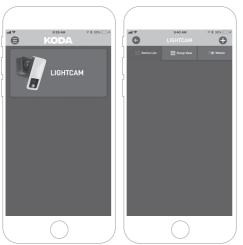
# Set up the app



### Set up a new account

1. Open the KODA app on your smartphone.

2. Select **Sign Up** and fill in the information to get started if you are a new user. If you already have a KODA account, select **Log In** and fill in your login information.



### Add a new device

1. Select **LightCam** from the list of devices.

2. Select the 🕀 icon to add a new device.

3. Follow the in-app instructions.

# Set up the app



# Pairing your smartphone with the LightCam

1. Press and hold the pairing / reset button on the back of your LightCam for more than 5 seconds until the status light is solid blue and release the button. Press **Next** on the app screen to start pairing.

2. When you see the status light on LightCam flashing red and blue, press **Next** to enter auto-pairing mode.

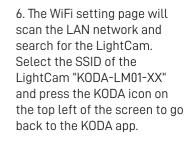


3. Android users: The app will automatically jump to the **SET DEVICE NAME** page at this stage.

4. iOS users: Press **Next** on the auto-pairing screen to start the pairing process.

5. Press **WiFi Setting** to manually connect in the iOS WiFi setting page.

# Set up the app



7. Follow the on-screen instructions to name your LightCam. Press **Next** to continue.



KODA 4

< Settings

Wi-F

KODA-LM01-XX

HOOSE A NETWORK.

NETGEAR\_RX PDL-HK - 2.4Ghz

XiRoute

Other

Ask to Join Networks

TP-LINK GLIEST 40DC

111\_2.4

ASUS



Ĝ

**?** (j)

a 🕈 🕕

a ♥ (i)

• • (i)

a ♥ (i)

∎ ╤ (j)

a ≑ ()

**?** (i)

 $\otimes$ 

8. The LightCam is now paired to your smartphone. Next, connect the LightCam to your local network. Select the SSID of your local network and press **Next**.

9. Input your router password and press **Set Password**.

### **Read All Instructions**

### WARNING:

When using outdoor portable luminaires, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following . . .

a) Use only three-wire outdoor extension cords that have three-prong grounding plugs and grounding receptacles that accept the appliance's plug.

b) Ground Fault Circuit Interrupter (GFCI) protection is to be provided on the circuit(s) or outlet(s) to be used for the wet location portable luminaire. Receptacles are available having built-in GFCI protection and are able to be used for this measure of safety. If your receptacle does not have GFCI protection or if you are not sure, please contact a qualified electrician to help you install one.

c) Use only with an extension cord for outdoor use, such as an extension cord of cord type SEW, SEOW, SEOW, SOW, SOW, STW, STOW, STOW, SJEW, SJEW, SJEOW, SJEW, SJOW, SJOW, SJOW, SJTW, SJTOW, or SJTOOW

d) DANGER: Improper connector of the power cord increases the risk of electric shock. Do not modify the plug. If it will not fit an outlet, have a proper outlet installed by a qualified electrician.

e) Power will still run to the light even after the LED lifespan runs out. Always shut the power from the fuse (breaker) when conducting any type of maintenance on the light.

### SAVE THESE INSTRUCTIONS

# Installation IMPORTANT SAFETY INSTRUCTIONS

This portable luminaire has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord. Do not alter the plug.

### **Plug-in option**

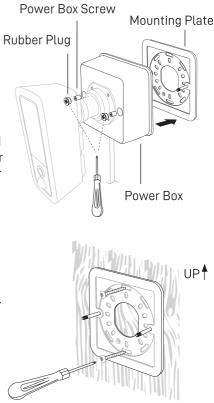
1. Remove the two rubber plugs on the LightCam's power box. Unscrew and remove the power box screws underneath. Place these aside for now.

**TIP:** To remove the rubber plugs, insert the Phillips Screwdriver at an angle and lift upward. Use the Phillips Screwdriver to unscrew the power box screws under the rubber plugs.

2. Detach the mounting plate from the power box.

3. Place the mounting plate over the installation location, and mark your intended drilling positions with a pencil. Drill pilot holes into the areas you marked and insert the plastic anchors into the pilot holes.

4. Place the mounting plate over the plastic anchors and secure the screws into the plastic anchors.



**TIP:** Before installing, make sure the LightCam's power cord can easily reach the desired outlet. The power cord is approximately 6.56 ft (2 m) in length.

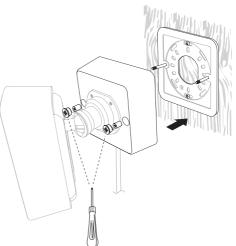
**TIP:** Use a level (not included) when marking the drill locations to make sure the mounting plate is straight.

**NOTE:** If your wall is made of masonry (e.g. brick or concrete) or stucco material, use a 1/4 inch (6.3mm) masonry drill bit for your power drill (both not included) to drill pilot holes into the wall. Insert the plastic anchors into the pilot holes.

5. Slide the LightCam over the screw posts on the mounting plate. Reinstall the power box screws and rubber plugs.

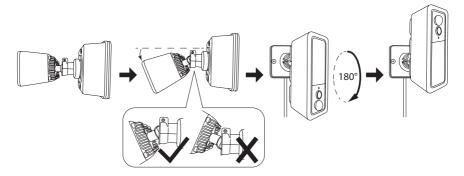
6. Connect the power cord to the nearest power outlet.

**WARNING:** If plugging the LightCam to an outdoor outlet, the outdoor outlet must be outdoor rated and have a cover to protect the outlet and LightCam plug from rain, snow, and weather.



7. Open the KODA app to adjust the camera's viewing angle as needed. To adjust the viewing angle, carefully loosen the jewelry screw around the ball joint with one hand while holding onto the LightCam with the other hand to prevent dropping the unit. Once the desired camera angle has been selected, tighten the screw to secure into place.

**CAUTION:** When adjusting the positioning of the LightCam, it is important to note the ball joint connecting the LightCam to the power box is intended to lock into place and ONLY rotates 180-degrees in a clockwise direction. Do not use excessive force to change the LightCam angle, doing so may permanently damage the unit. To adjust the LightCam angle, turn the LightCam to the right (See figure below) to first unlock the ball joint. Now you can twist the LightCam upside down for the angle most suitable for the installation location. The ball joint will lock at the top. To rotate the LightCam back to the rightside up position, turn the LightCam 180-degrees in a counter clockwise direction.



### Hardwire option

1. Before installing the LightCam, a standard light fixture needs to be preinstalled on the wall, and the power supply wires need to be run to the light fixture providing 120Vac of power. If the light fixture does not exist, contact a qualified electrician for installation.

2. Shut OFF the main power at the fuse or circuit breaker before installing the light fixture or making any electrical connection. Uninstall the existing light fixture if one exists. You may use a non-contact voltage tester (not included) to ensure no power is running to the wires.

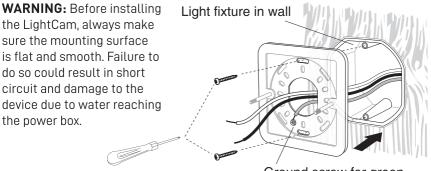
**WARNING:** Failure to disconnect the power supply prior to installation may result in serious injury or death.

**NOTE:** Remove the existing bracket from the junction box if one is installed.

**NOTE:** Do not connect the LightCam to a dimmer switch or timer. Doing so may damage the LightCam.

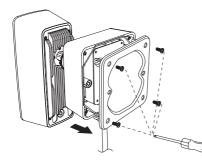
3. Repeat step 1 to 2 from page 13 on how to detach the mounting plate from the power box.

4. Place the mounting plate over the pre-installed light fixture and secure with the two mounting screws provided. If your existing light fixture has a junction box, simply screw the mounting plate over the existing junction box. Detach the designated screw (green colored) from the mounting plate. Attach the green (ground) supply wire to that hole and reinstall the screw. Pull out the white (neutral) supply wire and black (hot) supply wire from the light fixture through the center of the mounting plate.



Ground screw for green (ground) wire

Metal Clamp



5. Loosen the four screws using the Phillips screwdriver provided and open the power box.

6. Disconnect the two wire nuts and separate the spliced white (neutral) supply wire and black (hot) supply wire from the power cord. Save the wire nuts for later use.

7. Remove metal clamp from the power cord bushing. Pull out the unspliced power cord from the power box. Save the metal clamp for later use.

8. Insert one end of the S-hook through the hole in the power box where the power cord passed through, and the other end through the hole of the mounting plate. Gently ease the LightCam to hang in place while you work on hardwiring the LightCam.

S-hook

9. Line up the white (neutral) supply wire to white light fixture wire. Place the wire nut over the wires and twist clockwise to secure. Line up the black (hot) supply wire to black light fixture wire. Place the wire nut over the wires and twist clockwise to secure.

10. Install the waterproof cap back into the power box where the power cord was detached, and insert the metal clamp to lock it in place.

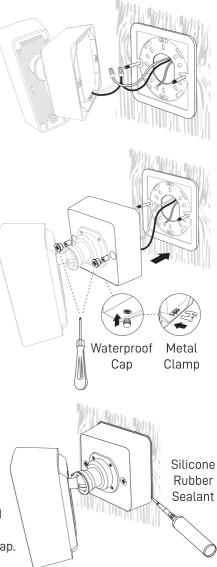
**WARNING**: Failure to install the waterproof cap correctly may result in serious injury to person or damage to the device, including short circuiting of the unit as a result of water entering the unit.

11. Hold the LightCam with one hand. Remove the S-hook with your other hand.

12. Slide the LightCam over the screw posts on the mounting plate.

13. Reinstall the power box screws and rubber plugs.

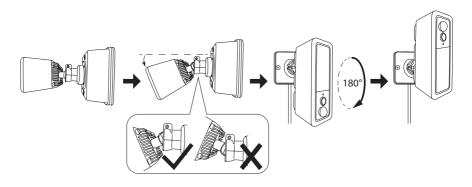
14. Apply Silicone Rubber Sealant around the edge of the power box to block the passage of dust and fluids through the gap.



15. Restore power to the circuit from the breaker box.

16. Open the KODA app to adjust the camera's viewing angle as needed. To adjust the viewing angle, carefully loosen the jewelry screw around the ball joint with one hand while holding onto the LightCam with the other hand to prevent dropping the unit. Once the desired camera angle has been selected, tighten the screw to secure into place.

**CAUTION:** When adjusting the positioning of the LightCam, it is important to note the ball joint connecting the LightCam to the power box is intended to lock into place and ONLY rotates 180-degrees in a clockwise direction. Do not use excessive force to change the LightCam angle, doing so may permanently damage the unit. To adjust the LightCam angle, turn the LightCam to the right (See figure below) to first unlock the ball joint. Now you can twist the LightCam upside down for the angle most suitable for the installation location. The ball joint will lock at the top. To rotate the LightCam back to the rightside up position, turn the LightCam to the right to unlock the ball joint again, only this time twist the LightCam 180-degrees in a counter clockwise direction.



# Using the app



You should see the live view if the LightCam was successfully paired.

Live View Introduction



X Sound



Enable/disable listening to your visitors. Turn sound on/off to listen in on the LightCarn. (You cannot speak to your visitor unless Microphone is enabled.)

Enable to speak to your

visitors. Disable to mute.

Enable/disable the siren alarm. The alarm will only sound for 30 seconds before automatically shutting off. You will need to enable the alarm again if you wish to turn the siren on again.



[0]

Record a video clip up to 3 minutes and store in the gallery.

Turn the LightCam floodlight on/off.

Customize the Camera Setting (See page 20 for additional information.)

Adjust LightCam settings.

Take a snapshot of the live view and store in the gallery.





### **Device Setting**



1. Rename the device.

2. Change router SSID (router name).

### 3. Remove device.

Note: you can also go to Device Setting from the Device List view. (See page 20)

# Using the app



# Line View Provide View <

### **Camera Setting**



1. Camera Contrast and Camera Brightness Adjust contrast and brightness levels of the LighCam.

### 2. Night Mode

When Night Mode is set, the live view will change to black and white.

### 3. Camera View Rotation

The default camera view is set to Normal. Select Rotate if you installed the LightCam upside down.

### 4. Motion Trigger Range

Select the range you would like the sensors to pick up motion. If you are receiving too many alerts, please select a shorter range. If you are worried about receiving alerts, please select a wider range.

### 5. Notification Delay

When a motion-triggered event is activated, the LightCam will record a video clip and upload to the cloud server. Use this setting to adjust the time delay of the next motion trigger after 10 seconds, 3 minutes, or 5 minutes.

### 6. Light Brightness

Adjust brightness level of the flood light.

### 7. Lighting Period

The flood light will turn on with each motion detected, depending on the brightness of the surroundings. Note: The light will extend its duration after the set lighting period, if the LightCam detects continuous movements.

# Using the app





### Grouping

If you have multiple LightCams installed in your house, you can choose to group live views from different LightCams and show on one screen simultaneously.

- 1. Press the Grouping tap.
- 2. Press the 🕀 icon to create a group.
- 3. Check the name of the LightCams you already set up in an order you prefer, from left to right, top to bottom. Note: You can add up to four LightCams per group.
- 4. Press **Finish** to create the group.
- 5. You can also press 🖨 to go to Device Setting.

### Manage the Gallery

- 6. All events captured while viewing live view (video clips and snapshots) will be stored in the Live View gallery.
- 7. You can share or delete the contents.
- 8. Select your preferred file sharing method.

# FCC / IC Compliance Statement

This device complies with Part 15 of the FCC rules and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept undesired operation.

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

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.

CAN ICES-005 (B) / NMB-005 (B)

# FCC / IC Compliance Statement

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC/IC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

### **DECLARATION OF CONFORMITY**

Product Description: Motion-Activated Light with Camera Model No. : LM56176 Responsible Party:

Horizon Brands 2975 Red Hill Ave., Ste. 100, Costa Mesa, CA 92626, USA Tel: 1-866-294-9244

# **Important Safety Instructions**

Read this manual thoroughly before first use and keep it in a safe place for future reference. To reduce risk of fire, electric shock, or injury to persons:

- Always refer to a qualified electrician if re-wiring the power cable.
- Consult a qualified electrician to ensure correct branch circuit conductor.
- Do not use the product if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug does not fit the outlet, have a proper outlet installed by a qualified electrician.
- Do not abuse the power cord. Never use the power cord to carry the product or pull the plug from an outlet. Keep the power cord away from heat, oil, sharp edges, or moving parts.
- Do not look directly into the LEDs when operating.
- Turn OFF the main power at the fuse or circuit breaker before installing or

# **Important Safety Instructions**

making any electrical connection.

- It is recommended that a qualified electrician perform all wiring connections. All electrical connections must be in accordance with all national and local electrical codes.
- Keep away from liquids, oils, petrol, and all chemicals.
- Store the product out of reach of children.

### CLEANING

- Clean the outside of the fixture with a soft, dry cloth or slightly dampened clean cloth. Never use a cleaner with chemicals, solvents, or harsh abrasives to clean the product.
- Do not spray cleaner directly onto any part of the fixture or LEDs as this may permanently damage the light or its functions.

### WARNINGS

- LED light output is strong enough to injure human eyes. Precautions must be taken to prevent looking directly at the LED.
- The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
- Do not tamper with or attempt to repair the LED component. The light source is designed for this specific application and should not be serviced by untrained personnel. Contact the customer service department if any servicing is required.

# Maintenance & Warranty

### **Horizon Brands**

This Horizon Brands product carries a 3 years warranty against defects in workmanship and materials. This product is not guaranteed against wear or breakage due to misuse and/or abuse.

**NOTE:** Warranty only applies for North American customers of purchases made in North America.

### **Conditions of Warranty**

If during the 3 years warranty period your new product is found to be defective, Horizon Brands will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

- All repairs must be performed by Horizon Brands.
- All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
- The equipment must not have been altered or damaged through negligence, accident, improper operation, or failure to follow the product instructions for installation, use, or care.
- The replacement of parts is excluded from the warranty when replacement is necessary due to normal wear and tear.
- Repair or replacement parts supplied by Horizon Brands under this warranty are protected only for the unexpired portion of the original warranty.
- This is a "repair or replace" warranty only, and does not cover the costs incurred for the installation, removal or reinstallation of the product.

# Maintenance & Warranty

**OWNER'S RESPONSIBILITIES:** Horizon Brands will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1.866.294.9244 DURING REGULAR BUSINESS HOURS MONDAY THROUGH FRIDAY 8:00 AM TO 5:00 PM PST.

**NOTE:** Toll Free # is for North America Customers ONLY. See Customer service section for customer contact numbers for other regions/offices. For customer service and technical support, please call us at 1.866.294.9244 or email us at info@kodabuilt.com. If at that time it is determined that a replacement unit is needed, the support representative will issue a Return Authorization and instruct on how to get a new unit. Horizon Brands makes no other warranty of any kind aside from the limited express warranty stated herein.

DISCLAIMER OF WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR PARTICULAR PURPOSE: EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE MOTION-ACTIVATED LIGHT WITH CAMERA. HORIZON BRANDS AND/ OR ITS AFFILIATES EXPRESSLY DISCLAIMS, WITHOUT LIMITATION, ANY STATUTORY WARRANTIES AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

# **Terms and Conditions**

### AVC LICENSE STATEMENT

THIS PRODUCT IS LICENSED UNDER THE AVC PATENT PORTFOLIO LICENSE FOR THE PERSONAL USE OF A CONSUMER OR OTHER USES IN WHICH IT DOES NOT RECEIVE REMUNERATION TO (i) ENCODE VIDEO IN COMPLIANCE WITH THE AVC STANDARD ("AVC VIDEO") AND/OR (ii) DECODE AVC VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL ACTIVITY AND/ OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE AVC VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION MAY BE OBTAINED FROM MPEG LA, L.L.C. SEE HTTP://WWW.MPEGLA.COM

### **Privacy and Security Policies**

Please visit us at www.kodabuilt.com for information on our Privacy and Security Policies.

### **Disposal of Waste Equipment by Users**

Do not dispose the LightCam with your other household waste. Instead, please contact your local recycling center or designated collection point for recycling of electronic waste and electronic equipment to dispose the product. Some states and/or counties have strict laws prohibiting the disposal of electronic devices with household waste. For more information, please contact your household waste disposal service or recycling center for instructions on disposal.

Before disposing, transferring, or returning the LightCam, it is recommended you perform a factory reset to remove any personal information from the device. To reset the device, press and hold the pairing / reset button for more than 8 seconds until the status light is solid yellow and release button.

 $\left( old 
ight)$  info@kodabuilt.com I www.kodabuilt.com

## HORIZON

Tel: 1.866.294.9244 Mon - Fri, 8AM - 5PM Pacific Time 2975 Red Hill Ave., Ste. 100, Costa Mesa, CA 92626, USA © 2018 Horizon Brands. All rights reserved.