

3DK1455001-C4口袋灯-说明书英中

尺寸：85x85mm 40P

材质：128g双铜

2022.8.10

增加了FCC+IC版



**HL1 C4 RGBW
Handy Light User Manual**



3DK1455001

Thank you for purchasing this iFootage product. This manual provides important user information for the HL1 C4 Handy Light. Please read the manual carefully before operating the equipment and keep the manual safe for future reference.

The HL1 C4 is a portable, flexible, RGBW handy light and features colour temperature, HSI, special effects and multi-light control. It's the perfect light for Smartphone recording, interior and exterior video recording, vlogging, Youtube presenting, wedding and event photography and much more.

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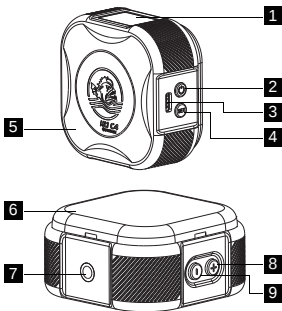
FEATURES

1. The colour temperature range is 2700K~10000K. A CRI RA value of 95 is achieved when the colour temperature range is between 2700K and 7500K.
2. A customized TIR lens improves LED energy consumption.
3. The rotating lights ensure more realistic shadows.
4. Quickly move between spot light and soft light functions.
5. The rear of the handy light is magnetic allowing the light to be attached to metal surfaces.
6. The Handy Light is convenient, compact and portable - small enough to fit in your pocket.
7. The light has CCT, HSI, numerous special effects options and can be controlled using the Lumix APP via Bluetooth to access RGBW, colour co-ordinates XY, paper colour GEL, keyframes and multi-light control modes.
- 8 Built-in SOS light signal.
9. Low battery prompt: Battery display flashes to provide low battery warning. Battery level is constantly shown on the display.
10. Overheat protection: if the product is in use or charging and the temperature is too high - the 'Overheat Warning' will appear.

PRECAUTIONS

1. Do not expose to water or other liquids. This product is not dustproof or waterproof.
2. Please ensure that you do not apply pressure to the OLED screen as this may result in permanent screen damage.
3. Do not look directly into the LED bead lights as this may impair vision.
4. When the product is not in use for an extended period of time, it is recommended that it should be discharged and recharged to a minimum of 60% power in order to preserve the life of the battery.
5. This product's battery contains potentially harmful materials and needs to be disposed of appropriately. Please follow your local waste management guidelines when recycling or disposing of the battery.

COMPONENT DESCRIPTION



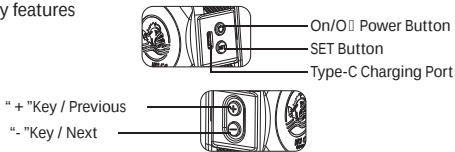
- 1** Display
- 2** On/Off Power Button
- 3** Type-C Charging Port
- 4** SET Button
- 5** Back Cover

- 6** Soft cover (detachable)
- 7** 1/4" Thread
- 8** "+" Key / Previous
- 9** "-" Key / Next

USER GUIDE

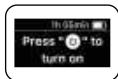
■ Functions: User operation instructions

■ Key features



■ On/OFF Power Button

1. To turn on the HL1 C4, press and hold the power button for 3 seconds, then release the power button when the screen lights up.
2. To turn off the HL1 C4, press and hold the power button for 3 seconds, then release the power button when the screen turns off.
3. To temporarily switch the light off, press once and press again to switch the light back on.



■ SET Button

1. Press and hold the SET button to select an operational mode. Press again to select the chosen mode.
2. Press the SET button to select the parameter.

■ Type-C Charging Port

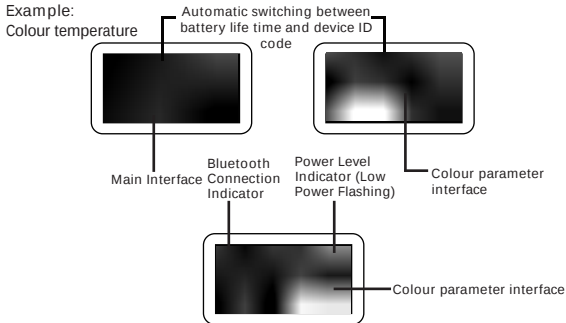
Power input connector. Input voltage 5V, current 1A.

USER GUIDE

■ Display

The main display interface shows colour temperature, HSI, special effects, Bluetooth reset, and additional settings (colour temperature, HSI, effects, green/ magenta, saturation and brightness are all adjustable).

Example:



■ “+”Key / Previous,“-”Key / Next

1. The value of the corresponding parameter is adjusted.
2. Use “+” and “-” to adjust parameters.

USER GUIDE

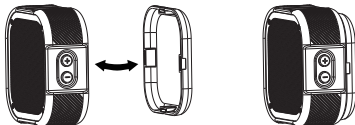
■ Soft Cover

When the soft cover is removed the light will create a spot light effect. With the soft cover attached the light will create a soft light or diffused effect.

Once removed, the soft cover can be safely housed on the back case.



For diffused lighting please use the soft cover



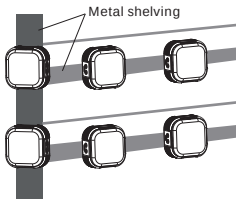
For a spot light effect, please remove the soft cover

USER GUIDE

■ Built-in magnets in the back case

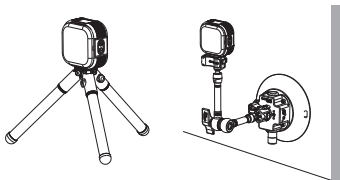
Magnets have been located in the back casing so that the lights can be securely attached to metal objects.

For example:



■ 1/4" thread

The base of the light has a 1/4" thread designed for attaching to most accessories.



Mode Selection

■ CCT Mode

The adjustable parameters within colour temperature mode are: colour temperature range of 2700K ~ 10000K. Brightness range of 0% ~ 100% and a green/magenta range of -1 ~ +1.

When CCT mode is selected:



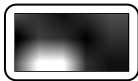
Press to switch
On/Off



Press and hold the SET button -> Press the SET
button to select the parameters -> Select special
effects mode using "+, -"



Press the SET
button to
select



Use the "+, -" button ->
to adjust parameter value



Mode Selection

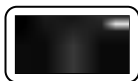
■ HSI Mode

The adjustable parameters of the HSI mode are: HSI range $0^{\circ} \sim 360^{\circ}$, saturation range $0\% \sim 100\%$ and brightness $0\% \sim 100\%$.

When HSI mode is selected:



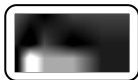
On/OFF Key
Press To
Switch On/OFF



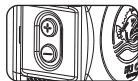
Press and hold the SET button
→ Press the SET button to
select/switch the parameters
→ Select the HSI mode with "+, -"



Press the SET
button to
select



"+, -" button →
adjust the parameter value



Mode Selection

■ Special Effects Mode

There are in excess of 18 special effects including: fireworks, SOS, rainbow, lightening, TV light emission, pulsating light, emergency vehicle, firelight, nightclub or party, strobe light, welding light, flickering candlelight, intermittent light bulb, light through clouds and explosion. Brightness ranges from 0% - 100%.

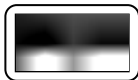
When Special Effects Mode is selected:



On/Off Key
Press To Switch
On/Off



Press and hold the SET button -> Press the SET button to select the parameters -> Select special effects mode using "+,-"



Press the SET button to select



Use the "+,-" button -> to adjust parameter value

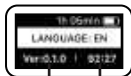


Please connect to the iFootage Lumin App for additional functions

Mode Selection

■ Language selection

To select and set language, access settings on the interface display, press the SET key for your language and press the SET key to confirm.



Firmware Version Number

Device ID Number

■ Overheating protection

If the product temperature is too high during use or whilst charging 'Overheating Protection' will appear on the display and screen brightness will be reduced. To preserve the life of the product, it is recommended that the product is not used until cooling has taken place.



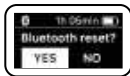
Note:

1. Due to the power discharge characteristics of lithium batteries and the power requirements of the HL1 C4 Handy Light, it is recommended that the product is recharged when the power display is flashing - indicating that power is low.
2. Built-in battery: 3.7V/2000mAh high-capacity lithium battery, supports Type-C interface charging. Does not support quick charging.

Bluetooth Introduction

■ Bluetooth Connection and Reset

1. For Bluetooth connection: download the iFootage Lumin App to your mobile device (Smartphone or tablet). Once registered, open the Lumin App and create a new project. Open the project and search for devices, select the appropriate device using the device name or code to connect via Bluetooth. The light will blink three times to show a successful Bluetooth connection. Via the project device list, select to control single or multiple devices. The Bluetooth icon will appear on the status bar after which you can set the internal lighting values. If the APP shows Bluetooth connection failure, please check to see that your mobile device is Bluetooth enabled or reset Bluetooth on the product and try to reconnect.
2. To reset Bluetooth on the product, select the Bluetooth reset on the main display, press the SET button to confirm and enter Bluetooth reset. To reset, use the "+, -" button then press the set button to confirm. If you are unable to find your device name or ID number, please reset.



Please note:

1. The HL1 C4 Handy Light and mobile phone connection use Bluetooth BLE5.1 technology. Prior to opening the App to connect please ensure that Bluetooth has been enabled on your device. If using Android, you will need to enable Bluetooth on the APP also.
2. The iFootage Lumin App currently supports iOS 12.0 and above. It also supports mobile devices with Android 8.0 and above. After connecting the App and HL1 C4 via Bluetooth please ensure that, when prompted to make a firmware update, the battery power for all devices is sufficient to support the duration of the update.

APP Introduction

■ Lumin App Overview

1. The Lumin App has multi-light control, keyframes and music mode. For additional modes please download the iFootage Lumin App or visit www.footagegear.com to access a detailed App user guide. To download the APP, please scan the QR code or search for iFootage Lumin App. For more information please visit www.footagegear.com

Note: First-time connected mobile devices (Smartphones or tablets) can, after registering, immediately use the App to operate the product.

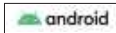
Note: As previously stated, after registering you can operate the product using the APP, however should you change to another mobile device, the product will be reset via Bluetooth, after which you can use the APP connection.



APP QR Code



Official Website QR Code



■ Keyframes and sequences

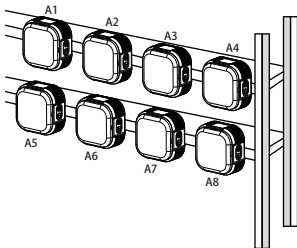
Within the Lumin App you can select the key frame settings within modes. You can apply key frames to layout, loop method, fade time, duration etc to achieve a repeatable lighting status or set of lighting conditions.

APP Introduction

■ Multi-light Control

Within the App's project device list, you can choose to add multiple lights to a project. By setting key frames on each light you can create a multiple light sequence. Example. Project 1: (A1 - A4) Four lights have been added to the project and each has been set to different key frames. These have been set and recorded so that this can be stored and used as a playable lighting effect.

Example. Project 2: (A5 - A8) Four lights have been added but each key frame is set with a different name: fade in and out, time and duration. When the sequence is saved and played the interface will show the current sequence and the progress of the key frames and lights.



■ Music Mode

Music mode has a variety of ambient colours that react and change according to the music.

LIST OF ITEMS



HL1 C4



Soft Cover



Cold Shoe Holder



Power cable



Warranty Card



Manual



Certificate

PRODUCT PARAMETERS

Model	HL1 C4	Product name	Handy Light
Colour Temp	2700K~10000K	HSI Range	0°~360°
Saturation	0%~100%	Brightness	0%~100%
Green/Magenta	-1~+1	Bluetooth	BLE5.1
Charging port	Type-C	Input	5V 1A
Power	4W	Battery Capacity	3.7V/2000mAh
Protection Level	IP40	Working Temp	-15°C~ 40°C
Material	ABS+PC	Size	70×70×36mm
Weight	140g	Lighting angle	60°
Run Time	120 minutes (when CCT is 5600K & brightness is 100%)	Charging time	≥90 minutes
100% illumination	≈1070Lux (when CCT is 5600K & distance 0.5 meters)		

Notes

1. In order to avoid equipment failure, please do not expose this product to moisture or use in wet or rainy, sandy or dusty environments.
2. Do not disassemble or modify the product. Mishandling, including dropping the product, may result in permanent damage.
3. Keep the product and its parts out of the reach of children and animals.
4. Please ensure that the product is always free from moisture and is stored safely. Water and other liquids may contain minerals that can corrode the internal electronic circuits.
5. Whilst the product is charging it is recommended that you do not touch or handle the product with wet hands as this may cause injury to the operator or damage the product.
6. Avoid using or placing the product in high temperature environments, including direct strong, sunlight, as this may shorten the life of electronic parts, damage the battery or distort plastic parts or casings.
7. Avoid using the product in very low temperature environments as internal condensation or water particles may damage electronic circuitry as the temperature rises.
8. Avoid using or storing the product in dirty or dusty environments as this may damage components.
9. Avoid placing the product on or near hot surfaces or sources of heat such as lit cigarettes, naked flames or heating systems.

Maintenance

1. To prevent the accumulation of dust particles affecting the performance of the product, please carefully wipe the exterior of the product with a clean, soft, dry cloth at regular intervals.
2. The HL1 C4 Handy Light has a 1 year warranty from the date of original purchase. This applies to the unit and accessories. The battery has a 180 day warranty from the date of original purchase.
3. Product damage or failure to operate caused by inappropriate or irregular operation is not covered by the warranty.
4. Unauthorized repair or attempting repair will make the warranty void and any authorised repair will then be subject to charges.
5. Always use a clean, dry soft cloth to clean the lens on the product. Do not use harmful chemicals, cleaning agents or liquids to clean the product.
6. In the unlikely event that the product is found to be faulty please contact our Customer Service team who will be happy to assist you: cs@ifootagegear.com.

FCC statement

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.

Warning: Changes or modifications 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

IC statement

- English: "

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device."

- French: "

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil nedoit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Warning: Changes or modifications 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 IC 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.

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. The device can be used in portable exposure condition without restriction.

iFootage RGBW Handy Light

Model:HL1 C4

FCC ID:2AONZHL1C4

IC:27417-HL1C4

Made in China



210-200975

RoHS **CE** **FC**

Statement

iFootage reserve the right to amend or rectify all hardware and software specifications at any time without notice. If there appears to be any difference between the contents of the instruction manual and the actual product, please refer to the product itself.

iFootage and its associates will not be held responsible for the use or misuse of any of the iFootage products or any direct, indirect, punitive, incidental, special consequential property or life damage responsibility. The risk of users or any other person using this product shall be borne by the user. This will not affect your legal rights.



iFootage Lumin APP
QR Code



Official Website
QR Code

To download the iFootage Lumin APP, please scan the QR code or visit our website. For more information on operation modes please visit our website www.footagegear.com

Manufacturer's Information



IFOOTAGE INTERNATIONAL (HK) LIMITED

UK Design & Made in China

Origin: China

Website: www.footagegear.com

