



LH5H User Manual

Company Address:1406 14th Floor Block D
Building 3 Phase I Tianan yungu Longgang
district ShenZhen China

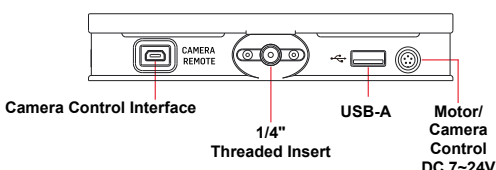
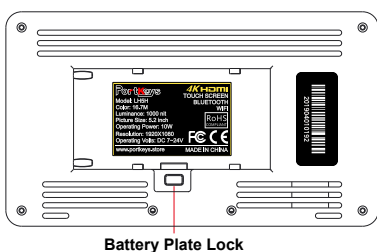
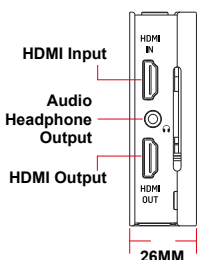
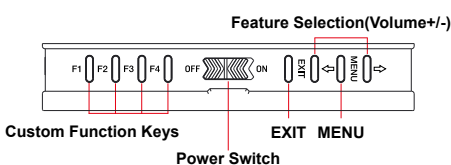
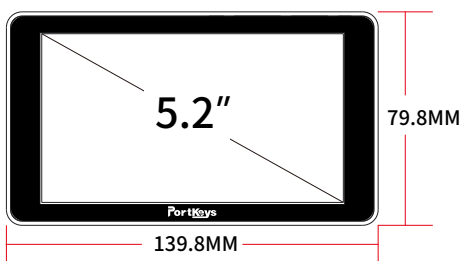
Factory Address:No.2nd Floor Building A
Jingjiang Industrial Park NO.101 Shangwei Road
Longhua District Shenzhen Guangdong China

Servlce Hotline:0755-89349931

Email:sales@pkscorp.com

website:www.portkeys.shop

Product Appearance Size



Operating temperature range: 0 °C ~ 40 °C

Standard Accessories

- LH5H Monitor X1
- U Disk X1
- Power Cord (Aviation Port - DC) X1
- Safety Box X1
- Warm Prompt Card X1

Parameter

Size	5.2"
Dimension	139.8x79.8x26mm
Viewing Angle	178°H/178°V
Brightness	1700nit
Resolution	1920x1080
Contrast Ratio	1000:1
Weight	170g
Color	10bit(8+2 FRC)
Backlight	LED
Material	ABS Engineering Plastics+Toughened Glass
Input Voltage	DC 7~24V
Operating power	13W
Video Signal Input	4K HDMI、HDMI
Video Signal Output	4K HDMI、HDMI
USB-A	Upgrade Firmware / Load 3D LUT/5V2A charger can supply power to LH5H/ When Using NPF battery can output 5V voltage to power other device
5pin Aviation Power Input/Output	DC 7.4~24V(*Can only use 7.4v battery when powering the camera) / When using NPF battery, it can output 7.4v voltage to power other device Upgrade Firmware/Load LUT
Supported Battery Models	SONY NP-F970/F960/F750/F550
Headphone	Output
Menu Language	简体中文/English
Fan	Yes

Supported input resolution and frame rate

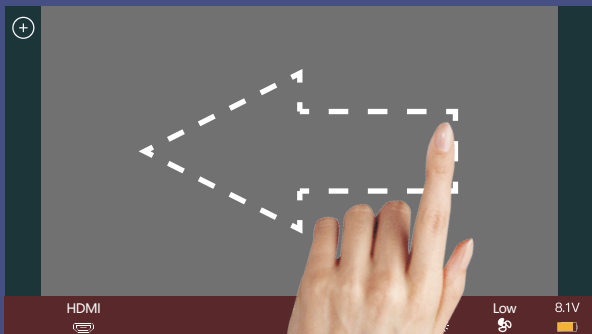
HDMI Signal

4096×2160p@24Hz
 3840×2160p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz
 1920×1080p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz
 1920×1080psf@23.97Hz,24Hz,25Hz,29.97Hz,30Hz
 1920×1080i@50Hz,59.94Hz,60Hz
 1280×720p@50Hz,59.94Hz,60Hz
 720×576p&720×576i@50Hz
 720×480p&720×480i@50Hz,59.94Hz,60Hz

Supported output resolution and frame rate

HDMI Signal

4096×2160p@24Hz
 3840×2160p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz
 1920×1080p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz
 1920×1080psf@23.97Hz,24Hz,25Hz,29.97Hz,30Hz
 1920×1080i@50Hz,59.94Hz,60Hz
 1280×720p@50Hz,59.94Hz,60Hz
 720×576p&720×576i@50Hz
 720×480p&720×480i@50Hz,59.94Hz,60Hz

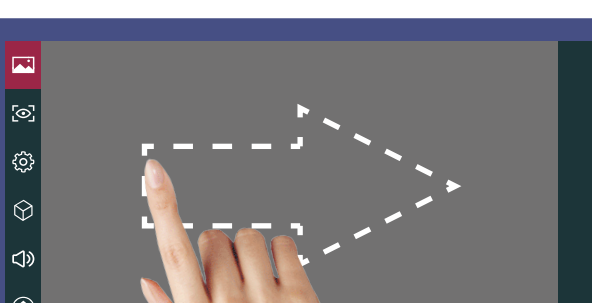


[System settings page switch]

Swipe left on any page to adjust to the system settings page;



(the system settings page)

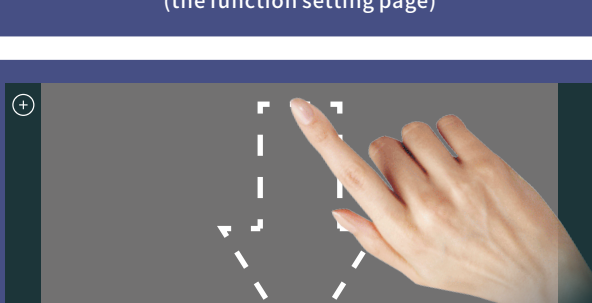


[Function settings page switch]

Swipe right on any page to adjust to the function setting page;

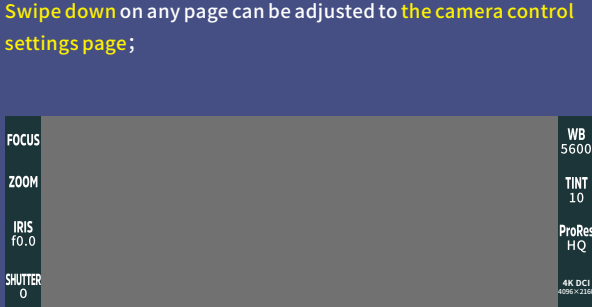


(the function setting page)

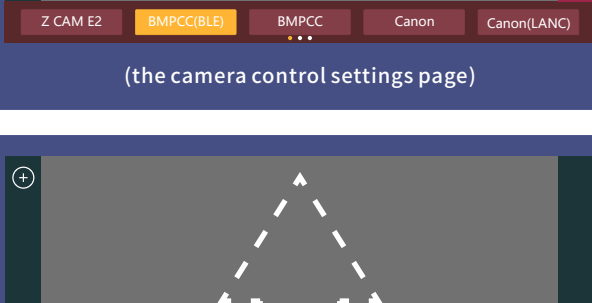


[Camera control settings page switch]

Swipe down on any page can be adjusted to the camera control settings page;

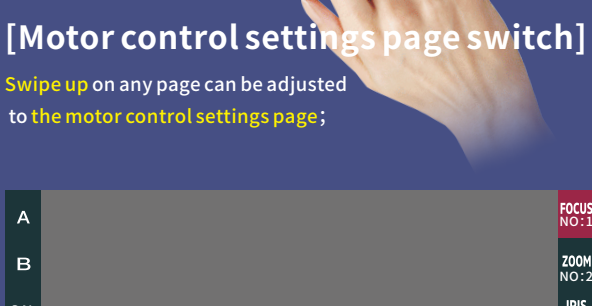


(the camera control settings page)

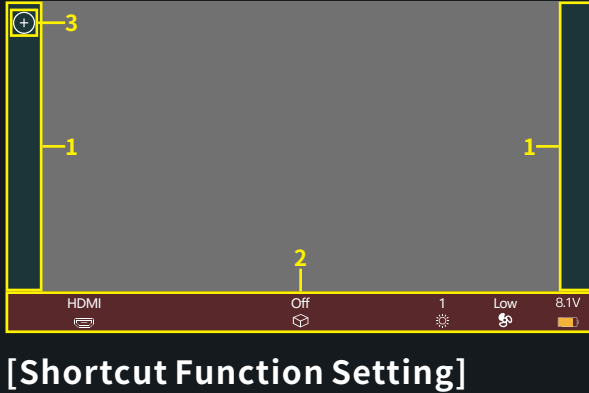


[Motor control settings page switch]

Swipe up on any page can be adjusted to the motor control settings page;

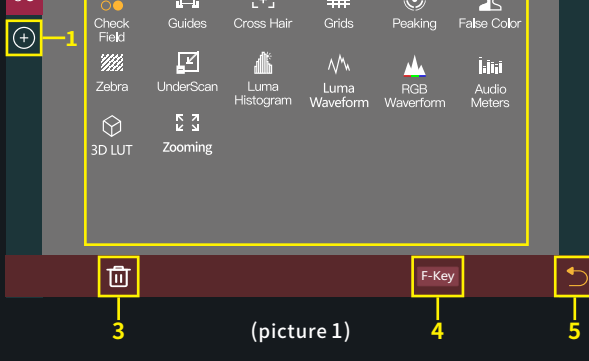



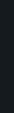
(the motor control settings page)

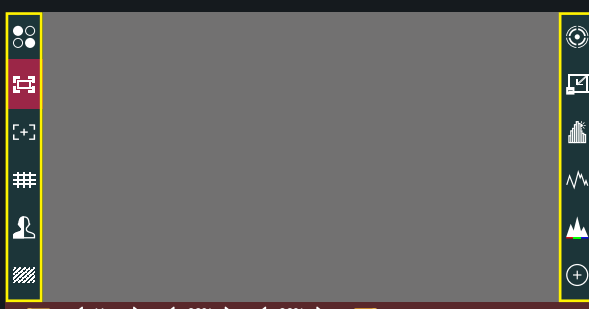


[Shortcut Function Setting]

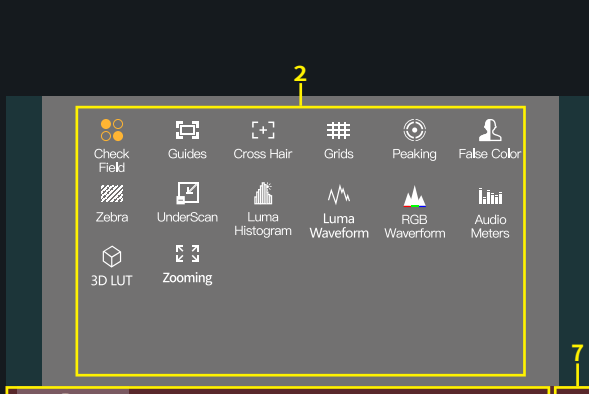
1. Shortcut function title area;
2. Parameter information setting area;
3. “+” Add function icon;



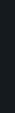
1. Click “+” add shortcut functions to the left and right sides; If the function icons on the left and right have been added (picture 2); can swipe down in the shortcut function title area to continue adding;
2. Select the function icon to replace;
3. Select the function icon and click “” to delete;
4. Click “ F-Key ” to enter F key Setting (picture3);
5. “” Return key;

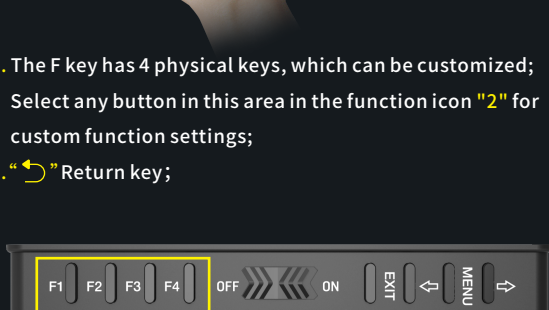


(picture 2)



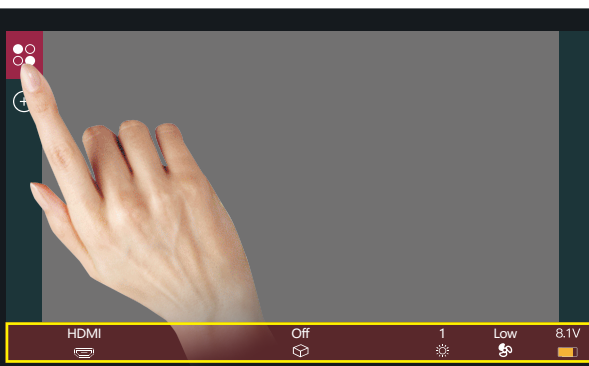
(picture3)

6. The F key has 4 physical keys, which can be customized; Select any button in this area in the function icon “2” for custom function settings;
7. “” Return key;

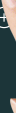


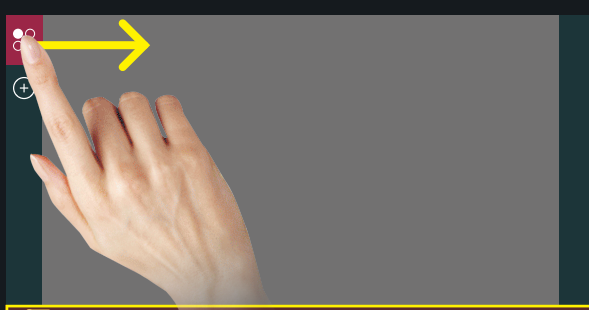
(picture 4)

8. F key setting is completed, F1-F4 button on the monitor to turn on/off the function. (picture 4);




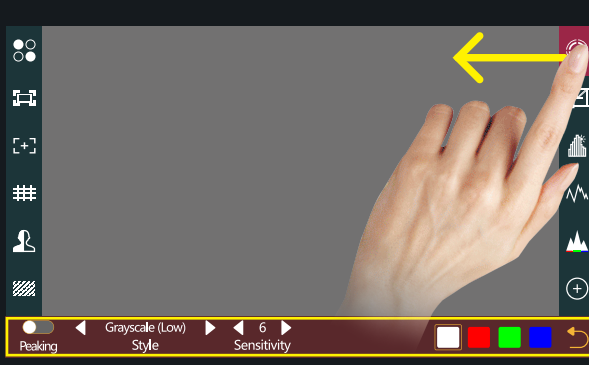
(Picture 5)

- Click “”, The parameter information setting is displayed at the bottom (Picture 5);




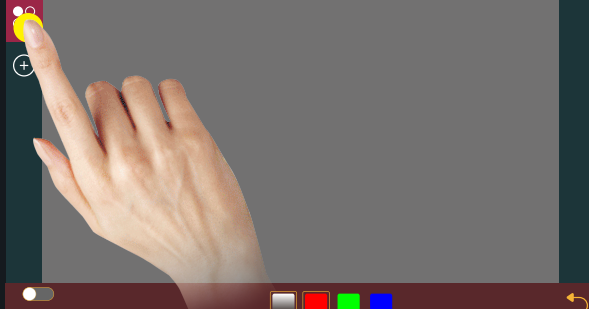
(Picture 6)


- Hold “” and slide to the right, The bottom will jump to the function parameter settings; For other functions, user can repeat the above operations or directly click to set parameters (Picture 6);

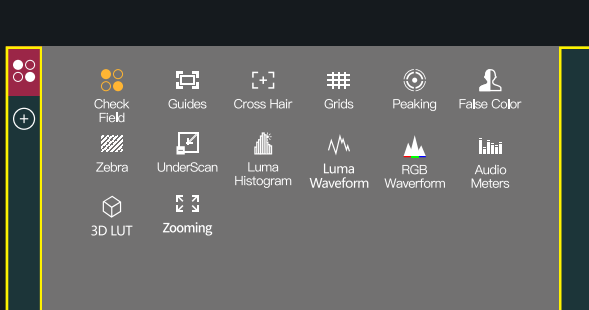


(Picture7)

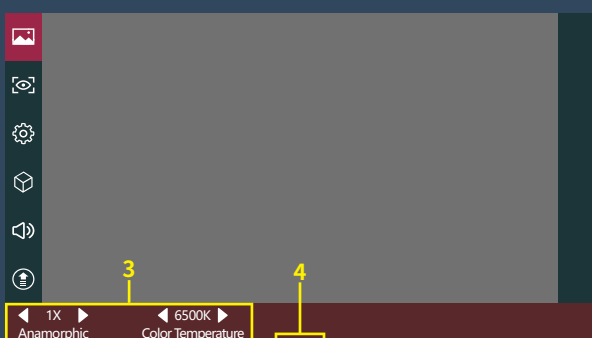
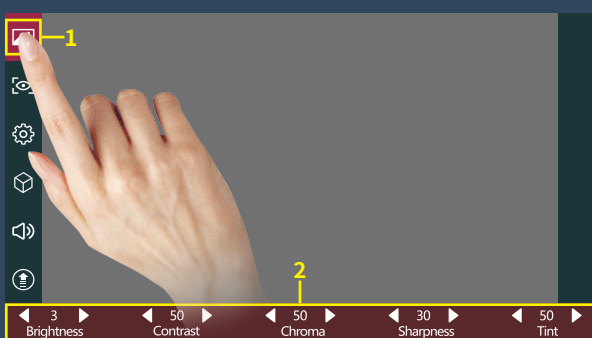
- Hold “” and slide to the left, The bottom will jump to the function parameter settings; For other functions, you can repeat the above operations or directly click to set parameters (Picture 7);




- If this feature is not required, Long press “” to jump to (picture 8) for function replacement/deletion;



(Picture 8)



[Image Settings]

1. Click “

[System Setting]

1. Click “

[LUT Setting]

1. Click “

[Version Setting]

1. Click “



[Camera Model Settings]

1. Click "Bmpcc BLE";
2. Camera model options: Z CAM E2、BMPCC4K(BLE)、BMPCC、Canon、Canon (LANC)、Sony(MUTI)、Sony(LANC)、Sony(FW50)、Sony(FZ100)、Panasonic、Panasonic(USB); Currently selected "BMPCC4K(BLE)";
3. Display the number of the page of camera brands, Swipe left and right in the bottom information area to switch pages;

Note: To control the Sony A7S III camera, You must turn off the camera "USB power supply" function, Otherwise you can't control the camera.

USB power supply the operation is as follows:

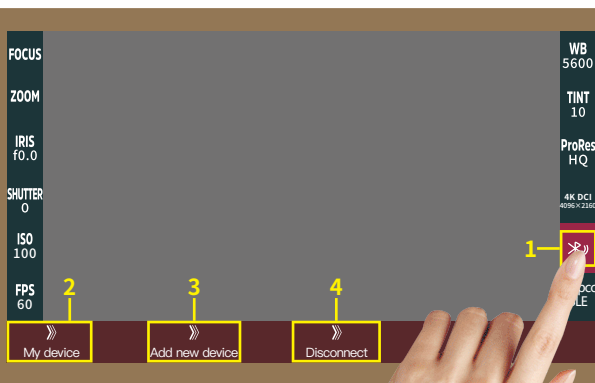
MENU → (Setup) → [USB] →

[USB Power Supply] → [OFF]

USB connection the operation is as follows:

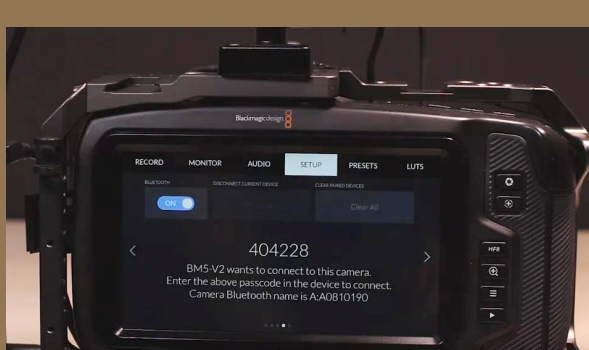
MENU → (Setup) → [USB Connection] →

[PC Remote]



[Bluetooth Connection]

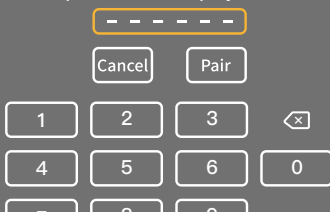
1. Click "Bluetooth icon";
2. Select "My device", Make bluetooth connection (Successfully connected bluetooth record);
3. Select "Add new device", turn on the BMPCC4K/6K Bluetooth function and record the passcode (picture 1), enter the passcode on the monitor (Picture 2 and 3), click "Pair", After successful connection, The Bluetooth icon will be displayed yellow "Bluetooth icon";
4. Select "Bluetooth icon" to disconnect the Bluetooth connection;



(picture 1)

Bluetooth Pairing Request

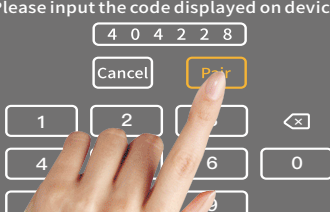
Would like to Pairing,
Please input the code displayed on device.



(picture 2)

Bluetooth Pairing Request

Would like to Pairing,
Please input the code displayed on device.

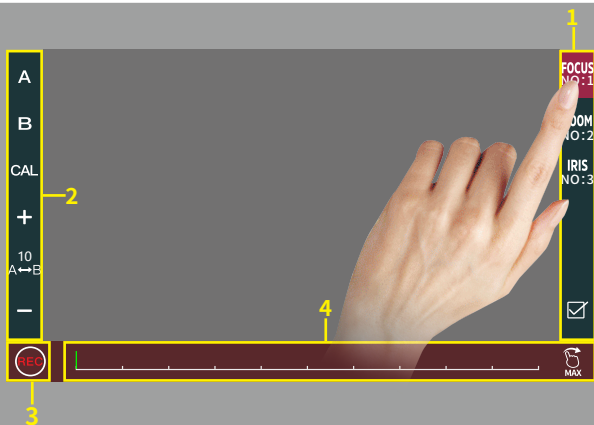


(picture 3)



[FOCUS Setting]

1. Click "FOCUS";
2. Adjust the parameter on the progress bar;
3. Record;



[Motor Setting]

1. Click to select channel options “ **FOCUS NO:1** ”;
2. Select the channel option to set the channel parameters;
3. Record;
4. Adjust the motor stroke;