

**PortKeys**

# BM5III High-Brightness Monitor



Service Hotline: 18820958861

Email: [services@portkeys.com](mailto:services@portkeys.com)

Website: [www.portkeys.com](http://www.portkeys.com)

Company Address: 1406, 14th Floor, Block D, Building 3,  
Cloud Park, Longgang District, Shenzhen, Guangdong, China

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



# Contents

## **Product Information**

Product Introduction .....	1.1
Packing List .....	1.2
Basic Parameters .....	1.3
Signal Specifications .....	1.4

## **Function Interface**

Function Interface Gesture Switching .....	2.1
Function Introduction .....	2.2
Custom Function Keys Settings .....	2.3
Basic Operation .....	2.4

## **Settings Interface**

Settings Interface Gesture Switching .....	3.1
Image Settings .....	3.2
Signal Source Settings .....	3.3
LUT Output Settings .....	3.4
Image and Menu Flip Settings .....	3.5
System Settings .....	3.6
3D LUT Settings .....	3.7
Volume Settings .....	3.8
Version Settings .....	3.9

## **Camera Control Interface**

Camera Control Interface Gesture Switching .....	4.1
Camera Model Settings .....	4.2
Function Usage .....	4.3

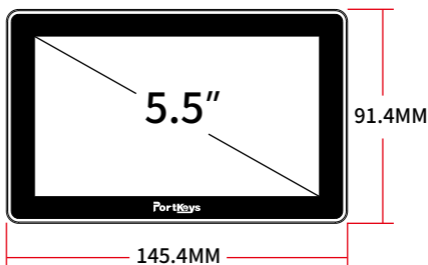
## **Motor Control Interface**

Motor Control Interface Gesture Switching .....	5.1
Motor Control .....	5.2

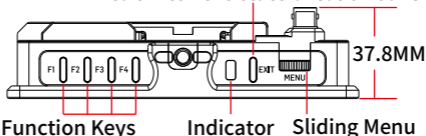
## **Warnings**

Warning .....	6.1
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## Product Introduction

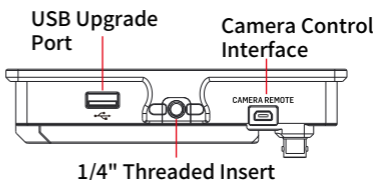
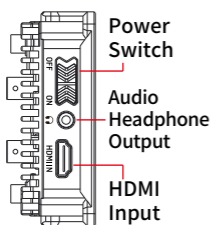
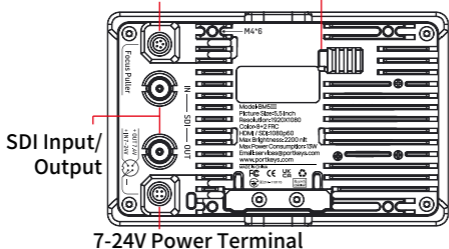



EXIT / Long press for 3 seconds  
to switch the state of touch control



Focus Follow  
Control Interface

Battery Plate  
Lock



 Operating temperature range: 0 °C ~ 40 °C

## Packing List

BM5III Monitor X1	Power Cord 1m (Aviation Connector - D-TAP) X1
LANC Control Cable 0.4m X1	Power Cord 0.4m (Aviation Connector - DC) X1
TYPE-C Control Cable 0.4m X1	U Disk (Manual, 3D LUTs, Firmware Inside) X1
Customer Feedback Card X1	
Warm Prompt Card X1	
Safety Box X1	

## Basic Parameters

Size	5.5"
Dimension	145x91.4x37.75mm
Viewing Angle	178°H/178°V
Brightness	2200nit
Resolution	1920x1080
Contrast Ratio	1000:1
Weight	351g
Color	10bit (8+2FRC)
Material	Aluminum Alloy + Toughened Glass
Input Voltage	DC 7~24V
Max Power	13W
Signal Input	3G SDI, HDMI
Signal Output	3G SDI
Headphone	Output
Menu Language	简体中文/English
Power Input / Output	4pin Aviation Connector
Signal Conversion	HDMI IN to SDI OUT
Camera Control Interface	CAMERA REMOTE
Motor Control Interface	Focus Puller
Support Battery Model	SONY NP-F970/F960/F750/F550
Upgrade Firmware / Load LUT	USB-A
Fan	Yes

## Signal Specifications

### Supported input resolution and frame rate

#### HDMI Signal

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 input/output resolution and frame rate

#### SDI Signal

1920×1080p@50fps,59.94fps,60fps

1920×1080p@50Hz,59.94Hz,60Hz YUV422

1920×1080p@23.98Hz,24Hz,25Hz,29.94Hz,30Hz YUV444/YUV422/RGB444

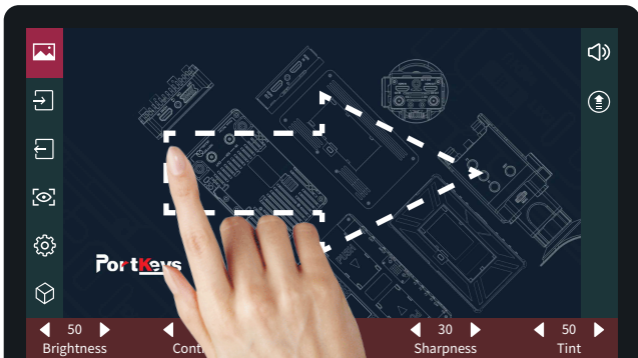
1920×1080psf@23.98Hz,24Hz,25Hz,29.97Hz,30Hz YUV444/YUV422/RGB444

1920×1080i@50Hz,59.94Hz,60Hz YUV444/YUV422/RGB444

1280×720p@50Hz,59.94Hz,60Hz YUV444/YUV422/RGB444

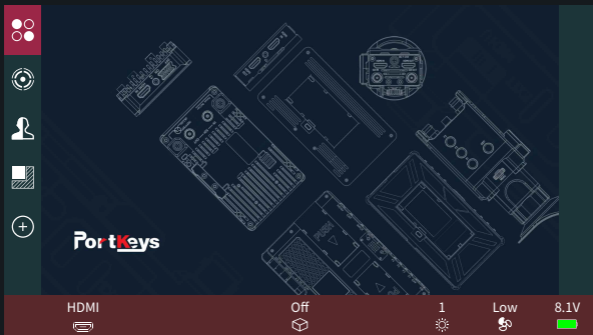
720×480i@59.94Hz YUV422

720×576i@50Hz YUV422

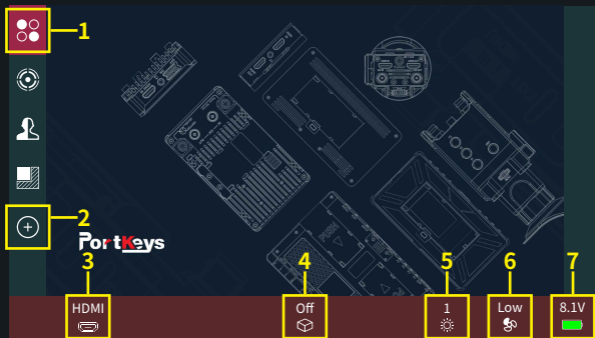


## [Function interface gesture switching]

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



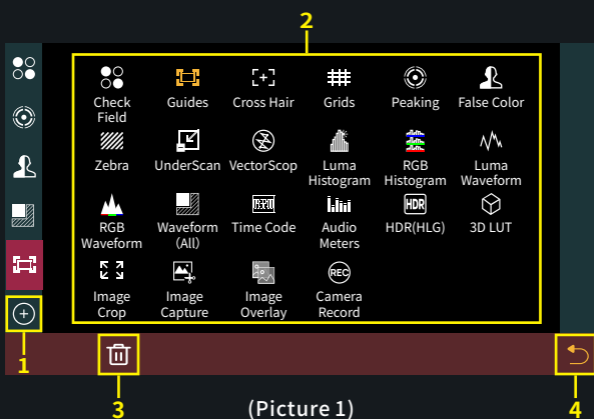
(the function setting interface)



## [Function Introduction]

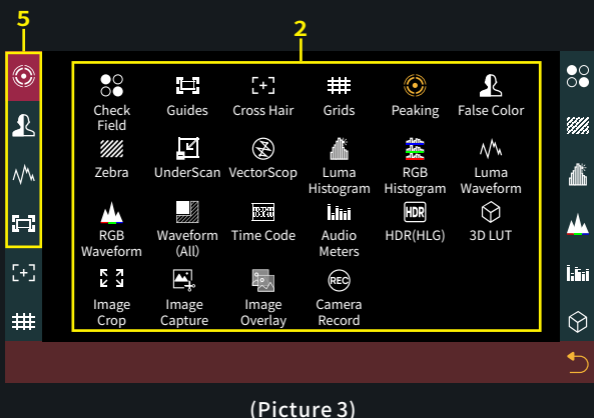
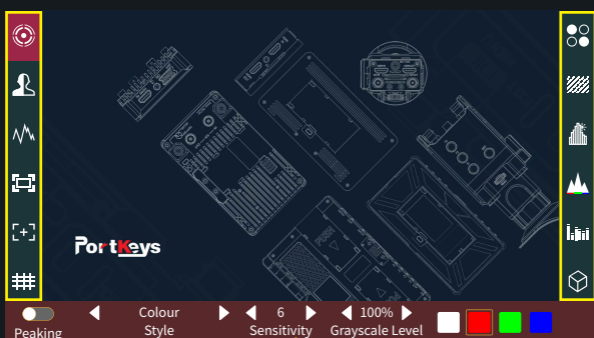
1. Software Function;
2. Add Function Icon;
3. Switch HDMI/SDI Signal;
4. 3D LUT ON/OFF;
5. Screen Brightness (1-10);
6. Fan Strength (Low /High);
7. Battery Level;



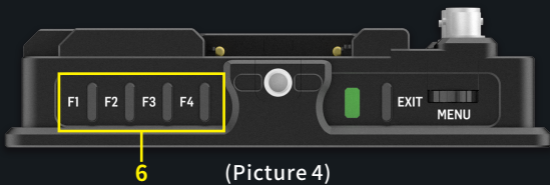


## [Custom Function Keys Settings]

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); You 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. “↶” Return key;




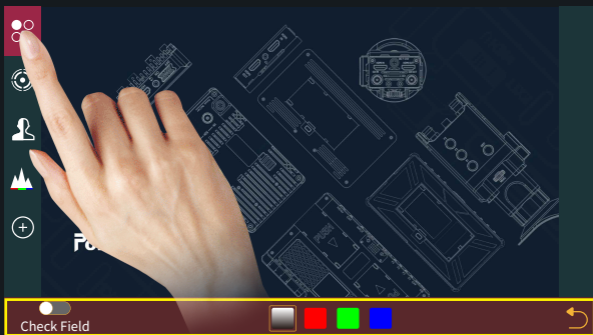
5. The first four functions are F1-F4 shortcut functions by default. You can swipe left/ right to enter the function menu to change the custom functions (Picture 3);




6. After F keys setting is completed, F1-F4 keys on the monitor can be used to turn on/off the functions (Picture 4);

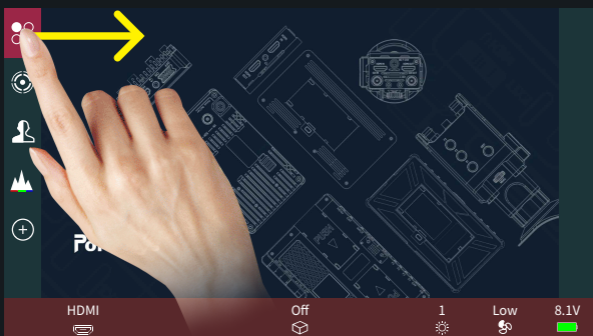
## [Basic Operation]

Long press “”, the function parameter setting shows at the bottom(Picture 5);




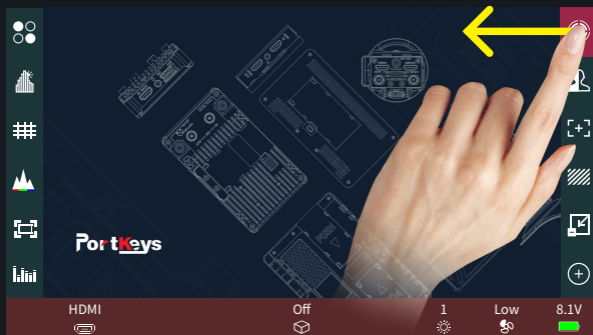
(Picture 5)

Swipe the icon “” to the right and enter the function menu, you could replace or delete functions(Picture 6);

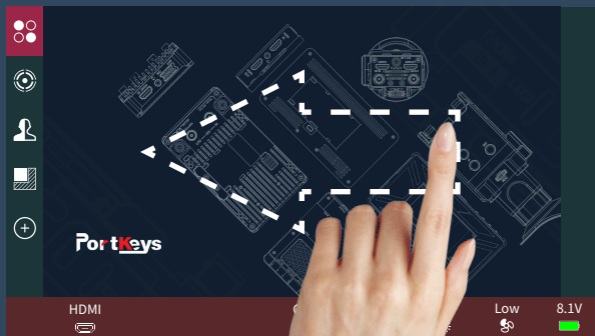


(Picture 6)

Swipe the icon “” to the left and enter the function menu, you could replace or delete functions(Picture 7);

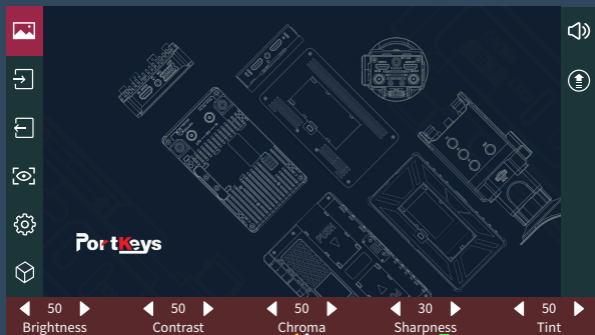


(Picture 7)

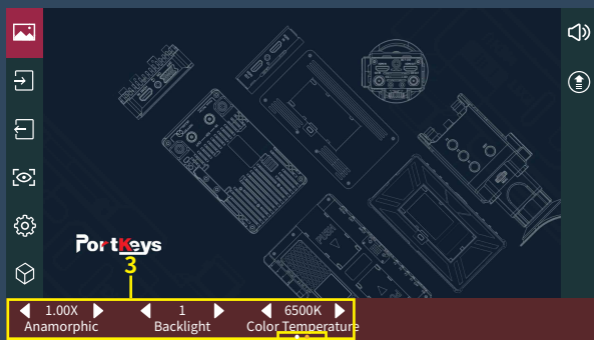
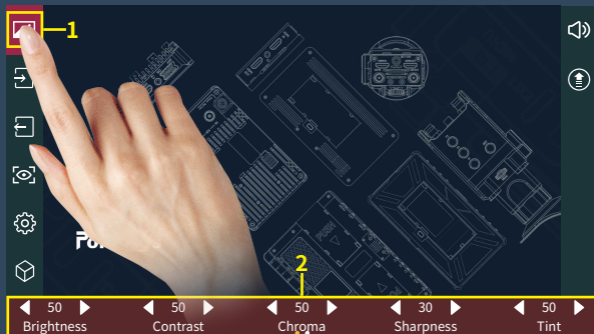


## [Settings interface gesture switching]


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

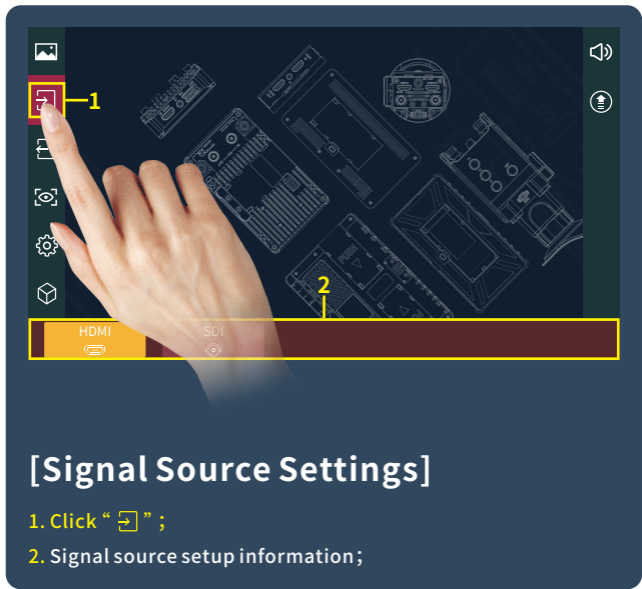


( the system settings interface)



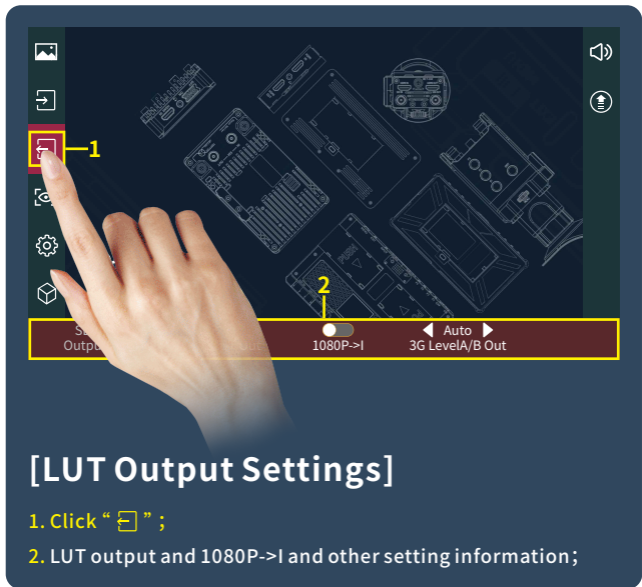
## [Image Settings] 4

1. Click “” ;
2. Parameter setting information ;
3. Parameter setting information (Next page) ;
4. Display the number of the page of Image parameter setting ;  
Swipe left or right in the bottom information area to switch pages ;



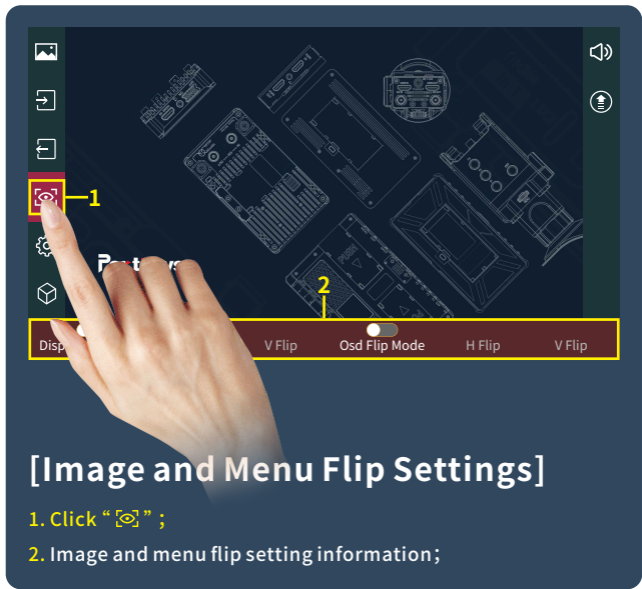
## [Signal Source Settings]

1. Click “



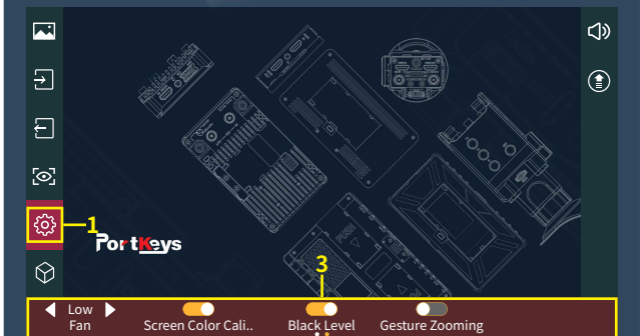
## [LUT Output Settings]

1. Click “




## [Image and Menu Flip Settings]

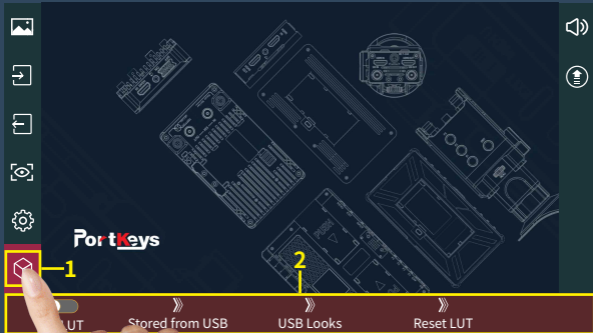
1. Click “



## [System Setting]

1. Click “”;
2. System parameter setting information;
3. System parameter setting information (Next page);





## [3D LUT Setting]

1. Click “”;
2. 3D LUT setting information;



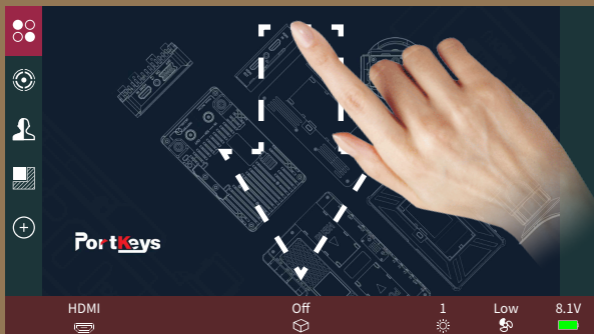
## [Volume Setting]

1. Click “



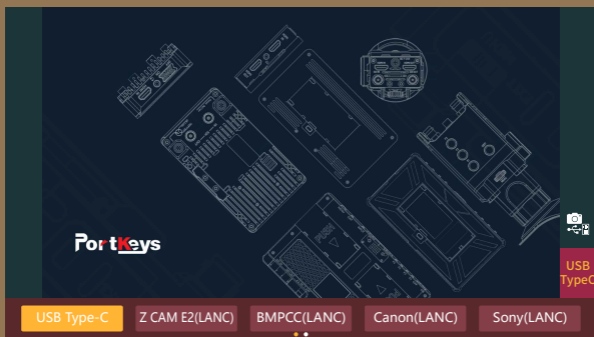
## [Version Setting]

1. Click “”;
2. View version information and upgrades;



## [Camera control interface gesture switching]

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

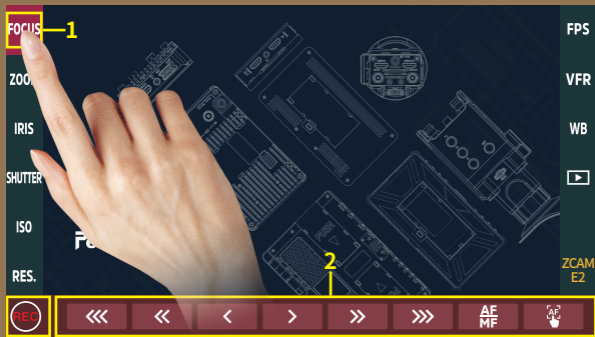


(the camera control settings interface)



## [Camera Model Setting]

1. Click “<sup>USB</sup> TypeC ”;
2. Camera model options: USB Type-C、Z CAM E2(LANC)、BMPCC(LANC)、Canon(LANC)、Sony(MUTI)、Sony(LANC)、Panasonic (Remote) . Currently selected “USB Type-C”;
3. Display the number of the page of camera brands.Swipe left or right in the bottom information area to switch pages;



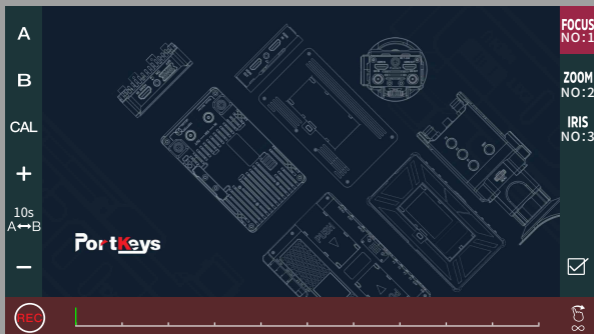
## [Function Usage]

1. Click “**FOCUS**”;
2. For adjusting this function on the button;
3. Record;



## [Motor control interface gesture switching]

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



(the motor control settings interface)



## [Motor Control]

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;



**Warning:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

**6. Set Up Photos-15C**

I can not find the blow 1GHz test setup photo and AC line conducted emission setup photo.

Please provide.

For AC line conducted emission :

“If the EUT normally receives power from another device that in turn connects to the public utility ac power lines, measurements shall be made on that device with the EUT in operation to demonstrate that the device continues to comply with the appropriate limits while providing the EUT with power. If the EUT is operated only from internal or dedicated batteries, with no provisions for connection to the public utility ac power lines (600 VAC or less) to operate the EUT (such as an adapter), then ac power-line conducted measurements are not required.”

The earphone normally receives power from charge box that in turn connects to the public utility AC power lines.so line conducted emission need to tested.

**7. BLE-test report**

For AC line conducted emission :

The earphone normally receives power from charge box that in turn connects to the public utility AC power lines.so line conducted emission need to tested.

**8. A3-TZ2009001675-E2 BT**

1).product name is incorrect.

**Product description**

Trade Mark .....: TECNO

Product name .....: Mobile Phone

Model No .....: A3

Standards .....: FCC Rules and Regulations Part 15 Subpart C Section 15.247 ANSI C63.10;2013

2).For AC line conducted emission :

The earphone normally receives power from charge box that in turn connects to the public utility AC power lines.so line conducted emission need to tested.