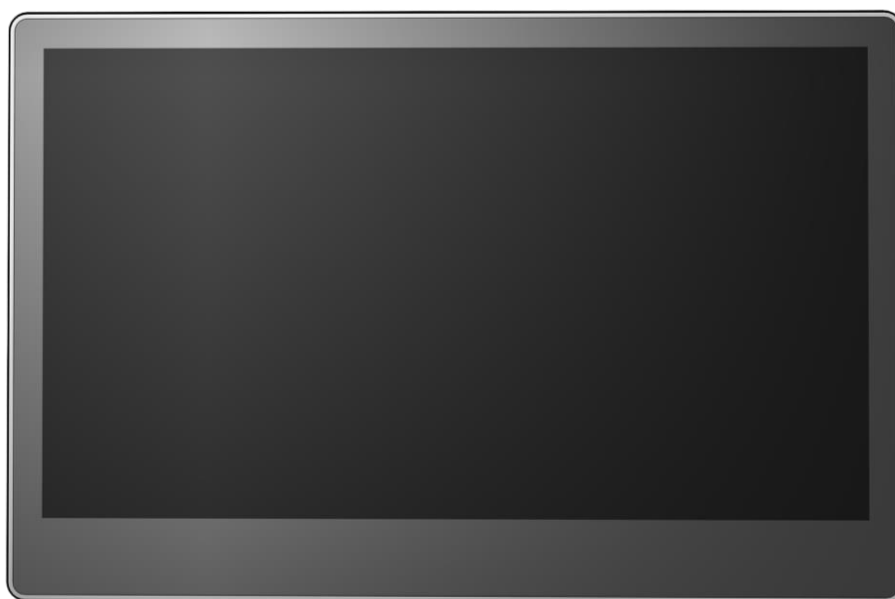


User Manual



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Important Safety Instructions:



The device has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the device should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Please do not place the display screen towards the ground to avoid scratching the LCD surface.
- Please avoid heavy impact.
- Please do not use chemical solutions to clean this product. Simply wipe with a clean soft cloth to maintain the brightness of the surface.
- Please do not block any vent hole.
- Please follow the instructions and trouble-shooting to adjust the product.

Internal adjustments or repairs must be performed by a qualified technician.

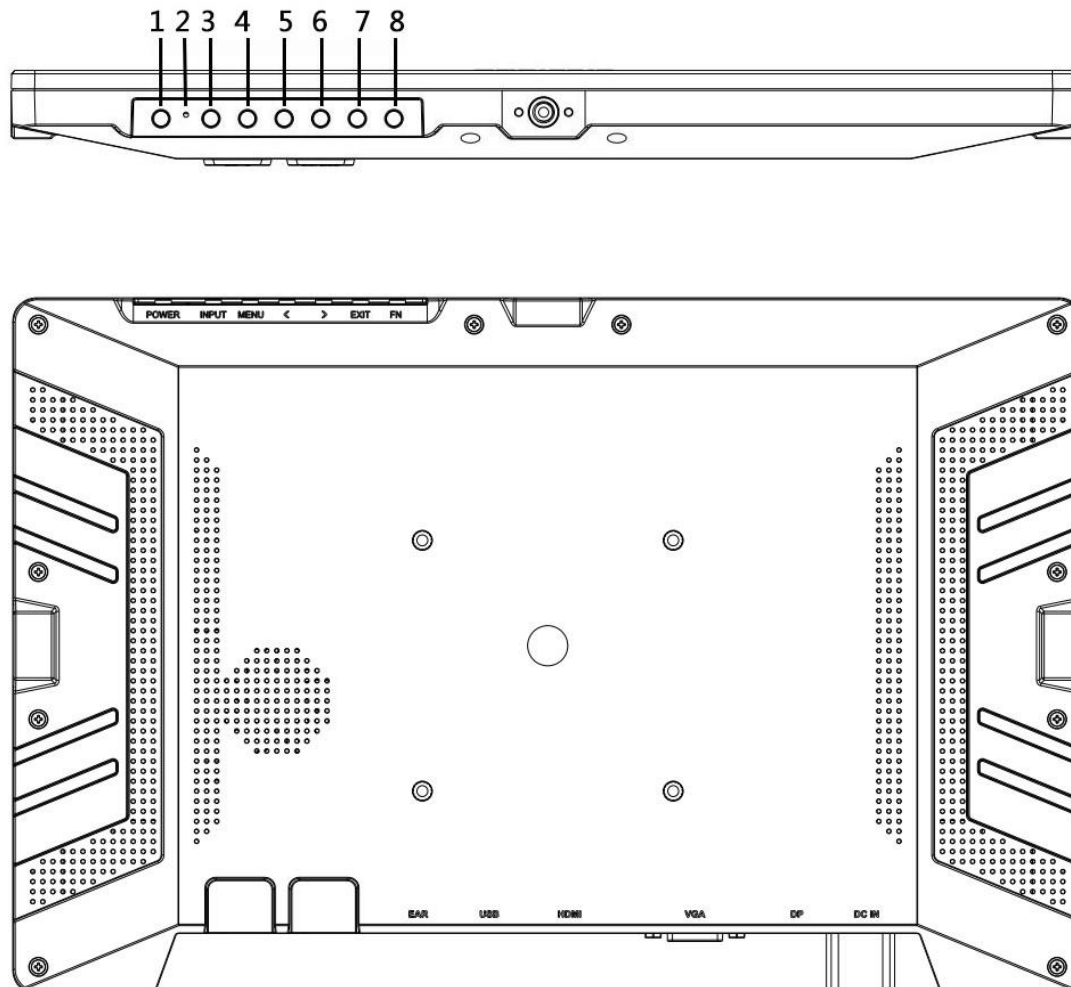
- Please keep user guide for future reference.
- Please unplug the power if long-term no-use, or thunder weather.

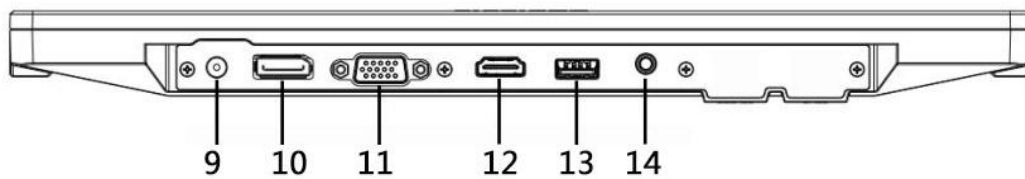
1. Product Description

1.1 Main Features

- 13.3 "capacitive touch screen
- 300cd/m² brightness
- Support multiple video input interfaces: HDMI, VGA, DP
- Support HDMI 4K 30Hz
- Support Windows XP/7/8/8.1/10, Android, Linux and MAC OS

1.2 Rear Case





- 1) Power Button: Power on/off
- 2) Power indicator light: green light when power on, off when power off.
- 3) INPUT Button: Switch among of VGA, DP and HDMI signals.
- 4) MENU Button: Press it to display the menu on the screen when power on. Press it to confirm the option selected.
- 5) < Button: Press it to volume down as default when power on; Select options upward in the menu.
- 6) > Button: Press it to volume up as default when power on; Select options downward in the menu.
- 7) EXIT Button: Return button for menu.
- 8) FN Button: Press and hold the FN key for 3 seconds to access the shortcut menu when power on.
- 9) Power Input: DC 7-24V
- 10) DP Input
- 11) VGA Input
- 12) HDMI 1.4b Input
- 13) USB Input
- 14) Earphone Jack (3.5mm)

2. Menu Setting

Before setting the functions, please make sure the device is connected correctly.

2.1 MENU/ < / > /FN Button

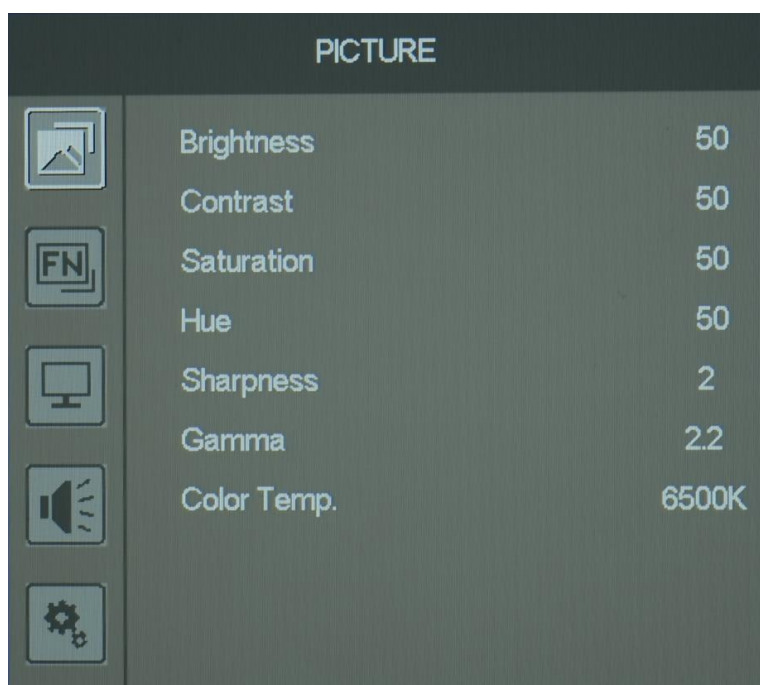
- Press MENU button, the menu will pop up on the screen. Then select item as the following sequences via pressing < / > button: PICTURE /FUNCTION / VGA / AUDIO / SYSTEM. Press MENU button again to enter into the item you select.
- Press < / > button to adjust options or values in the selected item. Then press

MENU button confirm the option, and press EXIT button to exit.

- When Menu is inactivated, press < / > button to adjust volume. Then select item as the following sequences via pressing MENU button: Backlight, Volume, Contrast, Saturation and Brightness. Press < / > button again to adjust the value in the selected item.
- FN shortcut menu, long press and hold the FN key for three seconds to bring up options for mute, overscan, Scan mode, display ratio, freeze, and image flipping.

2.2 Menu Operation

2.2.1 PICTURE



ITEMS	OPTIONS		
Brightness	0-100		
Contrast	0-100		
Saturation	0-100		
Hue	0-100		
Sharpness	0-4		
Gamma	Off / 1.8 / 2.0 / 2.2 / 2.4		
Color	6500K / 7500K / 9300K / User		
Temperature	Red Gain	0-255	Note: Only available when

	Green Gain	0-255	under [User] mode to adjust R/G/B gain and offset.
	Blue Gain	0-255	
	Red Offset	0-511	
	Green Offset	0-511	
	Blue Offset	0-511	

- **Brightness**

Adjust the brightness of the LCD Screen, adjustable range: 0-100.

- **Contrast**

Adjust the contrast of image, adjustable range: 0-100.

- **Saturation**

Adjust the saturation, adjustable range: 0-100.

- **Tint**

Adjust the hue of the image, adjustable range: 0-100.

- **Sharpness**

Adjust the sharpness of image, adjustable range: 0-4.

- **Gamma**

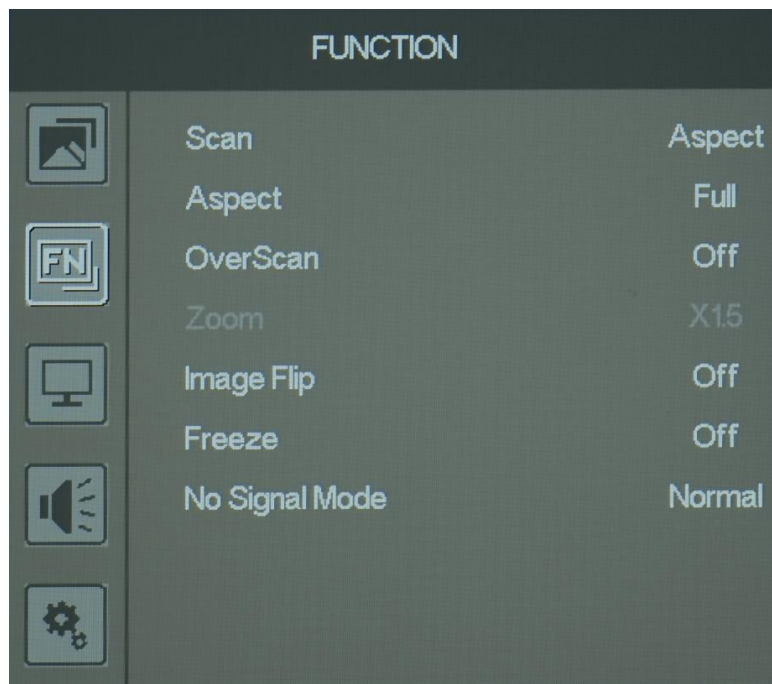
Options: Off / 1.8 / 2.0 / 2.2 / 2.4

- **Color Temperature**

Options: 6500K / 7500K / 9300K / User. The standard color temperature is 6500K.

Note: Only available when under [User] mode to adjust R/G/B gain and offset.

2.2.2 FUNCTION



ITEMS	OPTIONS	
Scan	Aspect / Pixel To Pixel / Zoom	
Aspect	Full /16:9 / 4:3 / 3:2	Only available under [Scan]-[Aspect] mode
Overscan	Off / On	
Zoom	X1.5 / X2 / X3 / X4	Only available under [Scan]-[Zoom] mode
Image Flip	Off /H / V / H&V /	
Freeze	Off / On	
No Signal Model	Off / Sleep	

- **Scan**

Options: Aspect / Pixel to Pixel / Zoom.

Note: Under [Pixel To Pixel] mode, Aspect, Display scan and Zoom cannot be adjusted. Under [Zoom] mode, Aspect cannot be adjusted.

- **Aspect**

Options: Full / 16:9 / 4:3 / 3:2.

Note: Only available under [Scan]-[Aspect] mode.

- **Overscan**

Options: Off / On

- **Zoom**

Options: X1.5 / X2 / X3 / X4

Only available under [Scan]-[Zoom] mode. Users can select zoom ratio according to different needs.

- **Image Flip**

Options: Off / H&V / H / V

- **Freeze**

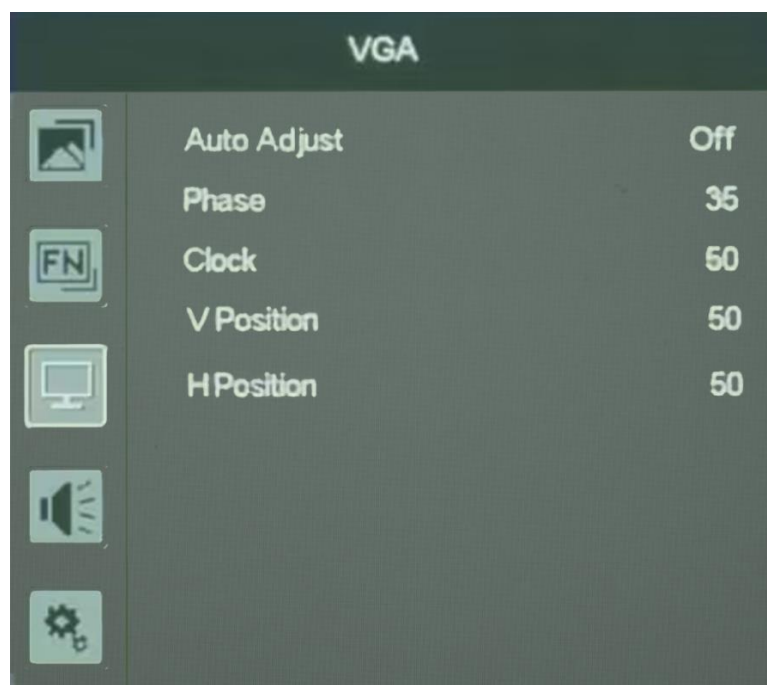
Options: Off / ON.

Activate freeze function to freeze current picture when playing the video.

- **No Signal Model**

Options: Off / Sleep

2.2.3 VGA



ITEMS	OPTION
Auto Adjust	On / Off
Phase	0-100

Clock	0-100
V-Position	0-100
H-Position	0-100

- **Auto Adjust**

Select [On], the monitor can automatically adjust the position of the image. Select [Off], users can manually adjust the position of the image.

- **Phase**

Adjust internal phase sequence difference. Adjustable range: 0-100.

- **Clock**

Adjust internal oscillation frequency when interference occurs. Adjust this item, the image can be compressed or stretched left or right. Adjustable range: 0-100.

- **H-Position**

Horizontally adjust the position of the image on the screen. Adjustable range: 0-100.

- **V-Position**

Vertically adjust the position of the image on the screen. Adjustable range: 0-100.

Note: The VGA menu bar is only adjustable when VGA signal is input.

2.2.4 AUDIO



ITEMS	OPTION
Volume	0-100
Mute	On / Off

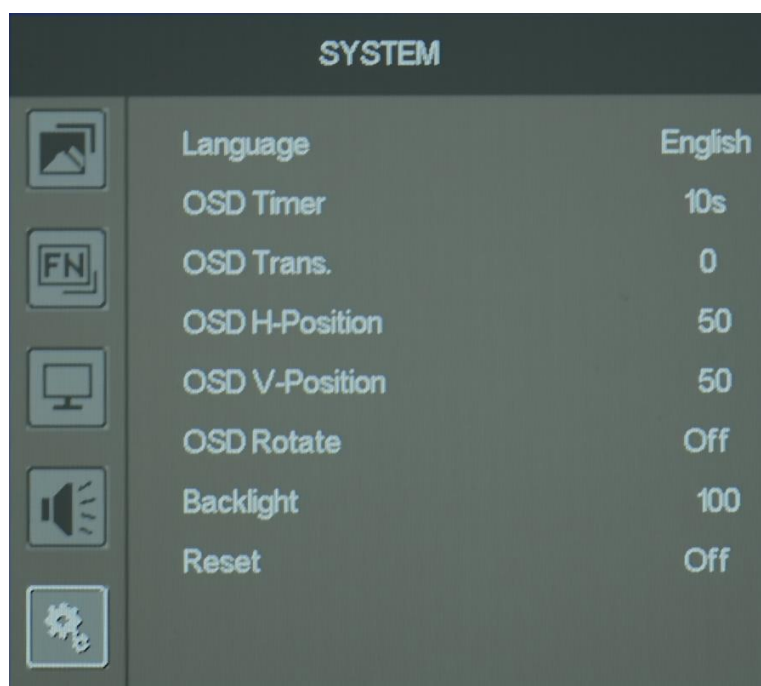
- **Volume**

Adjust the volume of built-in speaker or earphone. Adjustable range: 0-100.

- **Mute**

Stop any audio output.

2.2.5 SYSTEM



ITEMS	OPTION
Language	English / Chinese
OSD Timer	10s / 20s / 30s
OSD Trans.	0-100
OSD H-Position	0-100
OSD V-Position	0-100
Rotate	Off / 90 / 180 / 270

Backlight	0-100
Reset	Off / On

- **Language**

Options: English / Chinese.

- **OSD Timer**

Options: 10s / 20s / 30s.

- **OSD Trans.**

Adjust the transparency of OSD. Adjustable range: 0-100

- **OSD H-Position**

Adjust the OSD Horizontal Position. Adjustable range: 0-100

- **OSD V-Position**

Adjust the OSD Vertical Position. Adjustable range: 0-100

- **OSD Rotate**

Adjust the OSD Rotate. Options : Off / 90° / 180° / 270°

- **Backlight**

Adjustable range: 0-100.

- **Reset**

If there is any problem unknown, please select [On]. The monitor will restore factory defaults.

3. Parameters

Screen Size	13.3"
Physical Resolution	1920 x 1080
Aspect Ratio	16:9
Brightness	300 cd/m ²
Contrast	800:1
Viewing Angle	170°/ 170°(H/V)
Touch	Without touch / 10-point capacitive touch (for optional)
Input	HDMI,DP, VGA
Output	Earphone jack
Input Voltage	DC 7-24V (12V)
Power consumption	≤12W (12V)
Operating Temperature	0 ~ 50°C
Storage Temperature	-20 ~ 60°C
Dimension (LWD)	320*208*26.5mm
VESA	75mm
Weight	1.15kg

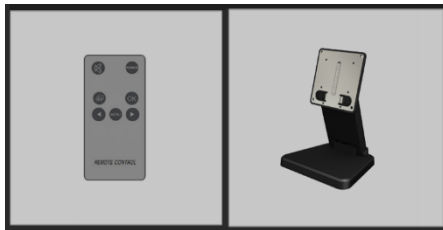
4. Accessories

● Standard



- | | |
|------------------------|---------|
| 1) 12V/2A DC Adapter | 1 piece |
| 2) 1.5M HDMI A-A cable | 1 piece |
| 3) 1.5M USB A-A cable | 1 piece |
| 4) E-User Manual | 1 piece |

● Optional



- | | |
|----------------------|---------|
| 1) Remote controller | 1 piece |
| 2) VESA 75mm Bracket | 1 piece |

5. Trouble Shooting

- **Only black-and-white display:**

Check whether the color saturation is properly setup or not.

- **Power on but no pictures:**

Check whether the cables of AV, HDMI, and VGA are correctly connected or not.
Please use the standard power adapter coming with the product package.
Improper power input may cause damage.

- **Wrong or abnormal colors:**

Check whether the cables are correctly and securely connected or not. Broken or loose pins of the cables may cause a bad contact.

- **Other problems:**

Please press MENU button, choose [SYSTEM] → [Reset]→[On].

Note: Due to constant effort to improve products and product features, specifications may change without notice.