

USER MANUAL

Touch Solutions

1 Capacitive Touch Screen Monitor

10.1" / 13.3"



Product Overview

Thank you for using our capacitive touch screen monitor, which adopts proprietary digital signal processing circuit and professional LCD screen and also capacitive touch screen. It's with low power consumption, stable performance advantages, which are widely used in industrial display, industrial control, medical equipment, military areas, fire fighting equipment, car display, video conference system, entertainment, commercial, financial institutions, query equipment and other fields, and also applies to harsh environment.

Caution

In order to maximize prolong the service life of equipment and prevent users from security risks, please comply with cautions in this user manual.

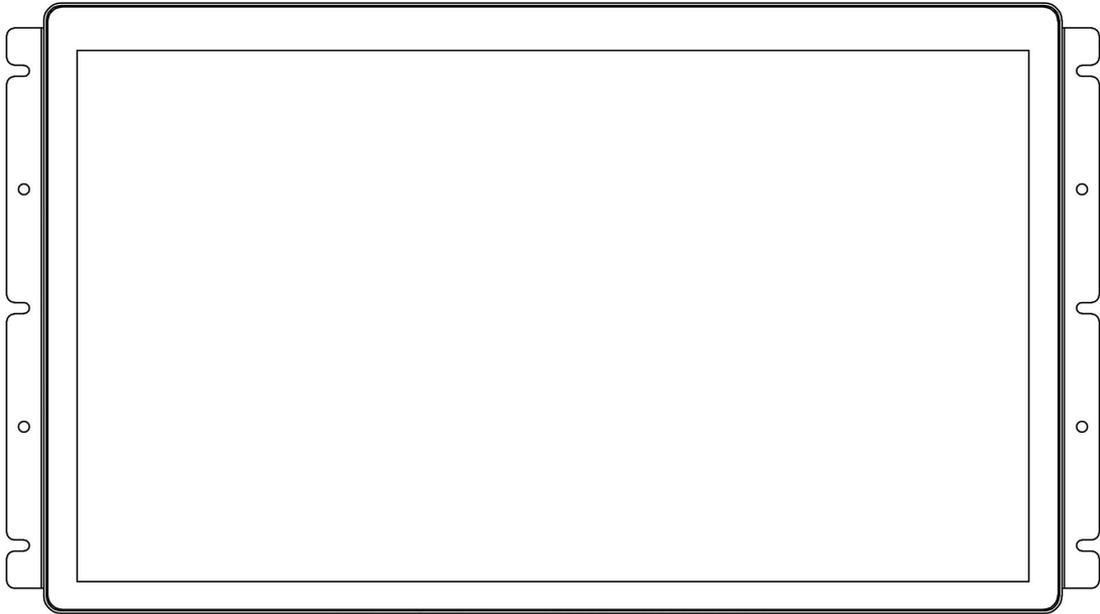
1. Please use the equipped power adapter and supply the qualified power if necessary.
2. To ensure the image quality and long time use, please avoid exposing strong light directly to the display screen.
3. Please avoid colliding LCD screen when using or installing.
4. In order not to damage the touch screen surface, please avoid excessive force to the monitor which is equipped with touch function.
5. To avoid the damage of the product, please do not take apart or repair the unit by yourself without adjustable component in the unit.

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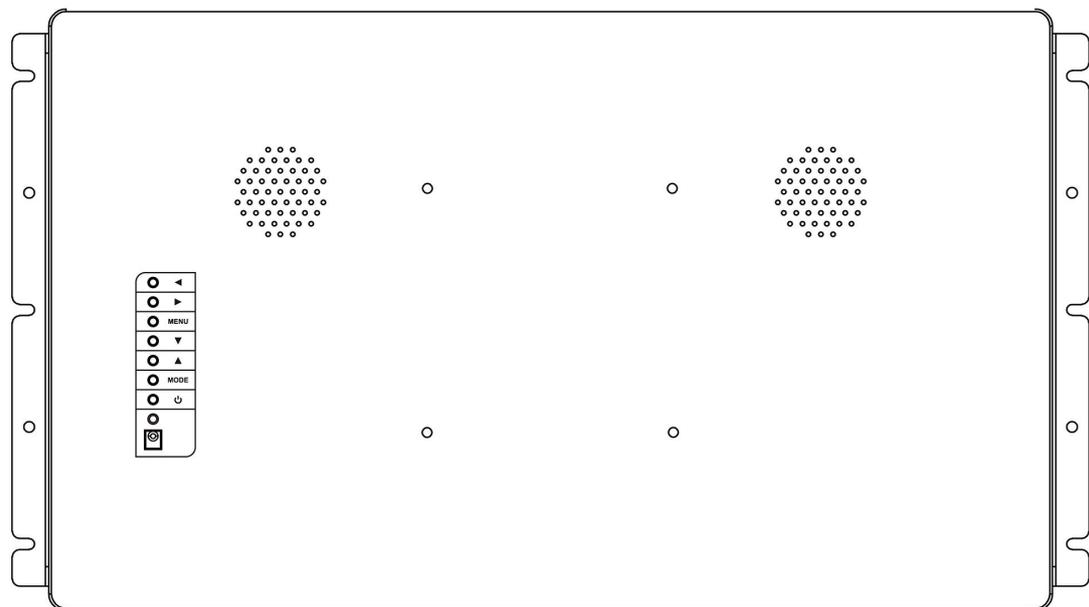
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1. Product Description

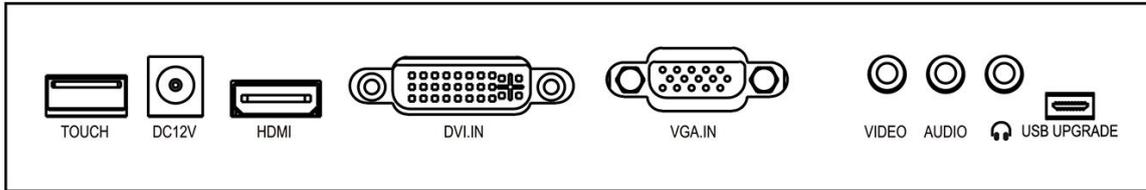
● Front Panel



● Rear Panel



● Connector Panel & Interfaces



1. Please connect signals to the corresponding input port of the monitor HDMI / DVI / VGA / VIDEO / AUDIO. If it is DVI/VGA cable, please tighten the screw, in order to achieve the best performance of video signal connection.
2. Please use USB touch cable to connect the USB port on the monitor and USB port on your PC.
3. Please connect a DC 12V power supply to the monitor's input power jack.
4. USB UPGRADE is for software upgrades port. (13.3" without)

● LED Indicator Light Instruction

Monitor Status	LED Color
off	Red
No signal standby	Yellow
Working	Green

● Touch Screen Panel Instruction

Touchscreen monitor is factory-calibrated and should not need manual calibration

Our touch screen of the monitors can support Windows7/8/10 and android operation system. The technical support reports 10

simultaneous touch operations.

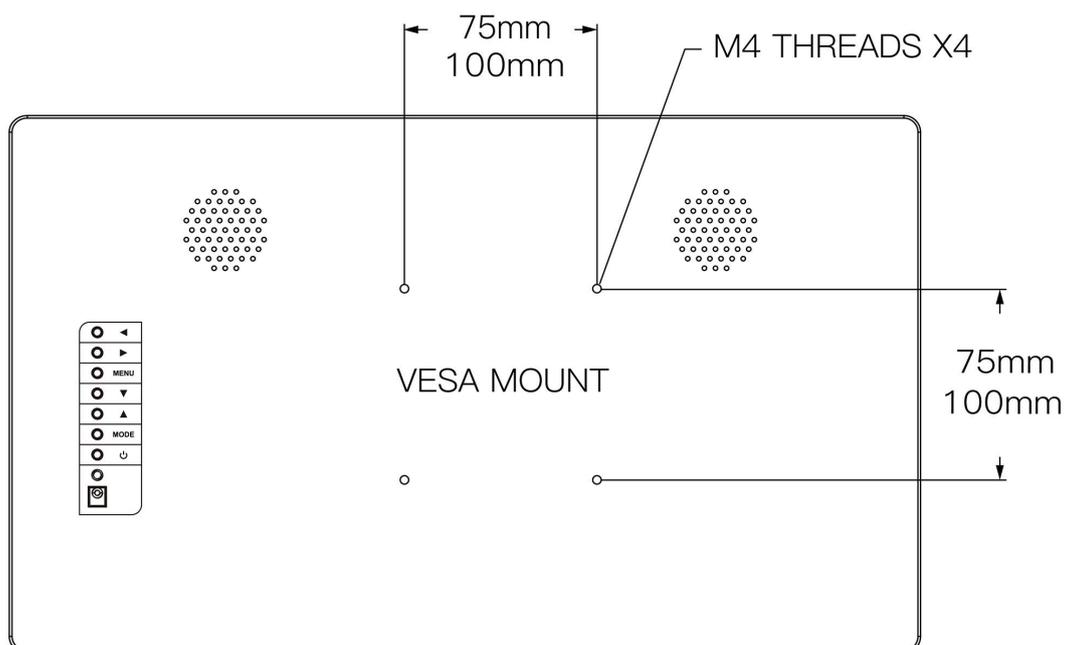
Only connect the USB cable between the USB port of the monitor and the USB port of the host when under Windows7/8/10 operation system, and no need to install other device, it is plug and play. Sometimes the windows 8 system will require the patch when using, so we recommend customers use Windows7/10 operation system.

Under Android system, whether the monitor can be touchable, depending on whether the client host motherboard has already loaded the touch program of touch IC (usually are loaded). If loaded, it can plug and play.

● Installation Way

(1) Rear VESA Mount

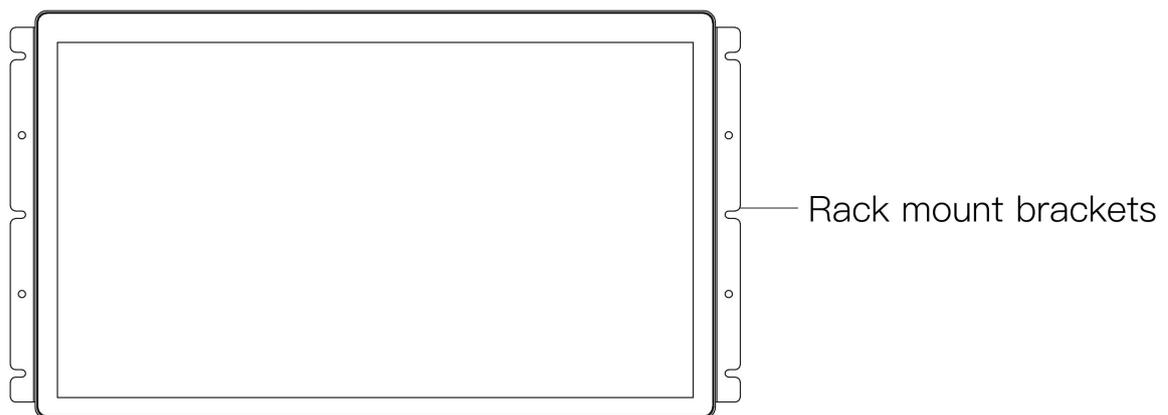
A four-hole mounting pattern for M4 screws is provided on the rear of the monitor and comply with VESA FDMI standard.



Size	10.1"	13.3"
VESA		
75×75mm	√	√
100×100mm	x	√

(2) Embedded Mounting

Embedded mounting aids with the packed bracket. Bracket shape varies for each model, drawing for illustration purposes only.



2. Operation Instruction

● Button Instruction

OSD Buttons are located on the rear of the monitor, which can be used to adjust various display parameters. The buttons and the corresponding functions are as follows:



Button	Function when OSD is not displayed	Function when OSD is displayed
◀	Volume down	Decrease/ adjust value of selected parameter
▶	Volume up	Increase/ adjust value of selected parameter
MENU	Display OSD Main menu	Return to previous OSD menu
▼/F1	Customized shortcut button Default: Backlight	Select the next menu item
▲/F2	Customized shortcut button Default: VGA Self-adjustment	Select the previous menu item
MODE	Video input signal switching	
⏻	Power on/ off button	

● OSD MENU Instruction

After the input video signal, users can adjust the display parameters by pressing OSD button:



Image Color

Pic. Mode	Standard, Mild, User, Dynamic. When select “user”, user can adjust the image of "Brightness, Contrast, Saturation, Sharpness" according to the practical situation.
Brightness	To adjust the image's brightness.
Contrast	To adjust the brightest and darkest ratio of the image
Saturation	To adjust color concentration.
Sharpness	To adjust sharpness of the displayed images.
Color Temp.	Image color temp could select 9300K, 6500K and User. When select “user”, then users could adjust the R/G/B to meet the different user's requirement on the different Color Temp.
Tint	To adjust the color of the image warm and cold colors.



Setting

Language	To choose OSD languages, which include English, 中文, Español, Português, Français, Nederlands, Deutsch, 日本語.
Aspect Ratio	To change the display to Panorama, Auto, 4:3, 16:9, Zoom 1, Zoom 2, Just Scan.
No Signal	Color options of screen background when no signal: Blue Screen, Red Screen , Green Screen ,Black Screen, White Screen.
OSD Trans.	To adjust the transparency of the menu.
OSD H	To adjust the OSD position in Horizontal.
OSD V	To adjust the OSD position in Vertical.
Zoom All	To adjust the image to Zoom In.
OSD Time	To adjust the time display on the screen.
U/D Zoom	To adjust the proportion of the image up and down to Zoom in.
L/R Zoom	To adjust the proportion of the image Left and right to Zoom in.
Backlight	To adjust the brightness of screen backlight.
Volume	To adjust the Volume.
USB Upgrade	When need to upgrade the native data application software, copy the file to the U disk, connect the USB cable with upgrade USB port, press “▶” button to confirm. After the upgrade, monitor will automatically restart.
Reset	Back to original setting.



Function

Center Marker	To set center mark (cross mark) display.
Safe Frames	To select the screen marker.
Image Freeze	The current picture still (capture function).
Image Flip	Image Flip function.
Check Field	To switch among Color, Mono, Red, Green, Blue.
P2P	The display mode makes the resolution of the image consistent with display of the physical resolution.
Focus Assist	By sharpening the edge of images to help photography for focusing operation.



Shortcut Button

F1	Customized shortcut button, could select (Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P, Image Freeze, Backlight, VGA Self-adjustment) one of them as button function. Default is backlight.
F2	Same setting as F1, Default is VGA Self-adjustment.

3. Technical Parameters

Screen Size	10.1"	13.3"
Resolution	1280×800 pixels	1920×1080 pixels
Dot Pitch (mm)	0.0564 (H) x 0.1692 (V)	0.1533(H) x 0.1533(V)
Aspect Ratio	16:10	16:9
Brightness	350cd/m ²	400cd/m ²
Contrast	800:1	1000:1
Viewing Angle	85°/85°(L/R) 85°/85°(U/D)	85°/85°(L/R) 85°/85°(U/D)
Backlight	LED	
Interface	HDMI, DVI, VGA, Video, Audio, USB for touch, 3.5mm Stereo Headphone Jack	
Touch Screen	10 point capacitive touch screen	
Input Voltage	DC7-24V	DC12V±10%
Power Consumption	≤8W	
Install Way	Embedded mounting / wall mounting	
Operation Temperature	-10 ~ 50°C	
Storage Temperature	-20 ~ 60°C	
Unit Size (mm) (without rack mount bracket)	260L×172.8H×25D	327.1L×210.8H×28.8D
Unit Weight (without rack mount bracket)	1.3kg	2kg

4. Trouble Shooting

4.1 Only black and white or monochrome picture:

- ① please check if saturation, brightness & contrast adjustment is suitable or not.
- ② Please check if "Check Field" is in black and white or monochrome image or other condition.

4.2 NO Image after put on the power

- ① Check if signal cable connecting is in good condition, and if monitor is synchronized with the input signal.
- ② Make sure to use the standard adapter to connect the monitor.

4.3 Image color distortion or abnormal, e.g. lack some color.

- ① Please check whether signal cable is connected correctly or not. The cable damage or loose will cause poor transfer.
Please check whether "Focus Assist" function in OSD is turned on.

4.4. Image distortion

- ① Please check whether OSD setting or the Zoom, P2P in the Function setting are turned on.

4.5. Earphone or speakers no sound

- ① Check if Volume control do not open, press the volume button, and try to increase the volume.
- ② When input DVI/VGA/VIDEO signals, users must input AUDIO signal at the same time, otherwise there will be no sound.

■ **Remark**

If there are still other problems, please contact with our related technical persons.

If there are changes without prior notice as we constantly strive to improve product features and product performance.