

# VSC120

Capacitive Industrial Touch Screen Monitor Manual v1.0



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## README

- To quickly change the video input mode:
  1. Press the **VGA/HDMI** button
  2. Press the **CH-** button (Select) and select the mode you want
  3. Press the **CH+** button (Enter) to set to the selected mode

## Quick Installation

1. Connect the power to the monitor using the AC-DC adapter or power cord.
2. Connect the video cable (either VGA or HDMI) from the monitor to your computer.
3. Set the monitor's video mode to either VGA or HDMI based on which video cable you have connected.
4. Connect the USB cable from the monitor to your computer for touch screen functionality.
5. For most operating systems, there is no need to install touch screen drivers.

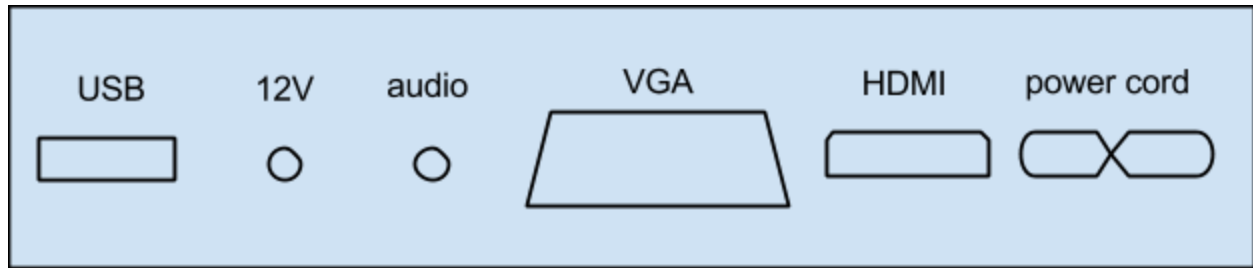
## Packing List

1	VSC120 LED Monitor	
1	power cable	
1	VGA cable	
1	HDMI cable	
1	USB cable	

## Specifications

Panel Size	12.1 inches
Aspect Ratio	4:3
Backlight Unit	LED, edge-light, replaceable
Resolution (native)	1024 x 768 pixels
Touch Panel	Capacitive multi-touch
Brightness	500 cd/m <sup>2</sup>
Contrast	1000:1
Viewing Angle	80/80° (H/V)
Input Signal	VGA, HDMI
Power Consumption	≤20W
Color System	PAL/NTSC, PAL/SECAM
Size	12.3 x 9.6 x 2 (in) / 31 x 24 x 5 (cm) Screen: 9.6 x 7.2 (in) / 24.5 x 18.5 (cm)

## Ports



USB	USB input for touch screen functionality
12V	12V power jack connector
audio	no function
VGA	VGA connector for VGA input
HDMI	HDMI connector for HDMI input
power	12V power jack connector

## Panel Buttons

Power	Switches the monitor on and off LED bulb will turn green for on, and turn red for off. The LED bulb will turn off when there is no power.
CH- (Select)	For selecting/changing OSD Settings
MENU	Display the OSD (available only in VGA or HDMI modes) Also returns to the previous menu
CH+ (Enter)	For selecting/changing OSD Settings
VGA/HDMI	Switch between different modes (HDMI/VGA)

## Changing Modes

1. Press the **VGA/HDMI** button
2. Press the **CH-** button (Select) and select the mode you want
3. Press the **CH+** button (Enter) to set to the selected mode

## On Screen Display (OSD)

The on screen display (OSD) displays settings for your monitor. It can be activated by pressing the **MENU** button.

To select a menu item, use the **CH-** button (Select). To enter a menu item, use the **CH+** button (Enter). Press the **MENU** to go back one level.

<b>Menu</b>	<b>Settings</b>	<b>Description</b>
<b>Picture</b>		
Picture Mode	Vivid/Standard/Gentle/User	Preset Picture Settings
Brightness	0-100	To adjust these settings, picture Mode Must be in <b>User</b> mode)  Use CH-/CH+ to change the brightness and then press MENU to set it.
Contrast	0-100	
Saturation	0-100	
Sharpness	0-100	
Color Temperature	Warm/Normal/Cool	
<b>Sound</b>	Not Applicable for the VSC120	

<b>Screen</b>		
Auto		Automatically configure the various display settings on the monitor based on the VGA/HDMI connection
Clock	0-100 (default: 50)	
Phase	0-60 (default: 45)	
H Position	0-100 (default: 50)	Horizontal Position of screen
V Position	0-100 (default: 50)	Vertical Position of screen
<b>Setup</b>		
OSD Language	English/Chinese	OSD language
OSD Setting	OSD Timeout/Transparency	
OverScan	On/Off	In HDMI mode only. Increases the edge of the display
Reset		Reset monitor to factory settings

## Troubleshooting

No Display	<ul style="list-style-type: none"><li>● Check power -- LED indicator should be on</li><li>● Check all the cables</li><li>● Check the display mode - it must match the connected video cable</li><li>● Check computer resolution - some resolutions may be incompatible with the monitor</li></ul>
No HDMI display	<ul style="list-style-type: none"><li>● Make sure that both ends of the HDMI plug are pushed all the way in</li></ul>
Touchscreen not working	<ul style="list-style-type: none"><li>● Make sure the USB cable is connected to both the computer and the monitor</li><li>● Temporarily unplug any unnecessary USB devices and reboot</li><li>● Uninstall any previous touch screen drivers</li></ul>

## Touch Screen Driver Installation

Most operating systems have the capacitive touch drivers already built-in.

If you still need to install them, please visit:

<http://www.short-circuit.com/support/drivers.html>

## Support

For technical support, please visit

[www.short-circuit.com](http://www.short-circuit.com)

or email us at [support@short-circuit.com](mailto:support@short-circuit.com)