

VM120-HW

revision 1.3
Industrial Touch Screen Monitor



www.short-circuit.com

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README

Please visit www.short-circuit.com/drivers for the latest touch screen drivers

To quickly change the video input mode:

1. Press **AUTO** to see the input menu
2. Press **AUTO** again to select the video input
3. Press **+** to accept the selected video input

Specifications

Panel Size	12.1
Aspect Ratio	16:9
Backlight Unit	LCD, edge-light, replaceable
Resolution (native)	1280 x 800 pixels
Touch Panel	4-wire resistive
Brightness	300 cd/m ²
Contrast	800:1
Input Signal	VGA, HDMI, AV
Power Consumption	≤20W
Color System	PAL/NTSC, PAL/SECAM
Size	12.2 x 8.3 x 1.8 (in)/30.5 x 21 x 4.5(cm)
Screen Size	10.3 x 6.3 (in) / 26 x 16 (cm)

Panel Buttons

Button	Description
Power	switches the monitor on and off
Menu	<ul style="list-style-type: none">• display the OSD (available only in VGA or HDMI modes)• go up one level
+	change OSD setting
-	change OSD setting
Auto	<ul style="list-style-type: none">• switch between different modes (AV/HDMI/VGA)• select OSD setting

On Screen Display (OSD)

The on screen display (OSD) displays settings for your monitor.

MENU	show/hide the OSD
+/-	change category/ change/set the OSD item
AUTO	select item

Note that the OSD is only available in VGA and HDMI modes.

Menu	Settings	Description
Picture		
Picture Mode	Standard, Dynamic, Mild, User	change to a preset picture settings
Contrast	0-100 (default: 50)	
Brightness	0-100 (default: 50)	
Color Temperature	Standard, cool, warm, user	
Aspect Ratio	16:9, 4:3, just scan, auto, 14:09	aspect ratio of the display (VGA only)
Horizontal Pos.	0-100 (default: 50)	horizontal position of screen (VGA only)
Vertical Pos.	0-100 (default: 50)	vertical position of screen (VGA only)
Size	0-100 (default: 50)	(VGA only)
Phase	36	(VGA only)
Auto Adjust		automatically set to the most optimal display settings (VGA only)
Color	0-100 (default: 50)	HDMI only
Sharpness	0-100 (default: 50)	HDMI only
Noise Reduction	off, low middle , high	HDMI only

Sound		
Sound Mode	Standard, Movie, Music, Sports, User	change to a preset sound setting
Treble	0-100 (default: 50)	
Bass	0-100 (default: 50)	
Balance	-50-50 (default: 0)	
Auto Volume	On/Off (default: Off)	automatic volume control
Surround Sound	On/Off (default: Off)	
Equalizer		show equalizer settings
Time		
Clock		Set the clock
Off Time	On/Off (default: Off)	
On Time	On/Off (default: Off)	
Sleep Timer	Off, 15-120 minutes (15 minute intervals)	time before the monitor turns off
Auto Sleep	On/Off (default: On)	

Option		
OSD Language	English, Russian, Italian, Portuguese, Chinese, Spanish, French, German	OSD language
OSD Animation	On/Off (default: Off)	
Blue-screen	On/Off (default: On)	
Software Update (USB)		update firmware from USB
Reset default		reset to factory settings
Channel	Not Applicable	

Touch Screen Driver Installation

For the latest drivers and instructions please visit:

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

Support

For technical support, please visit

www.short-circuit.com

or email us at support@short-circuit.com