

# Professional Signage Displays PDM Series

43" / 49" / 55"

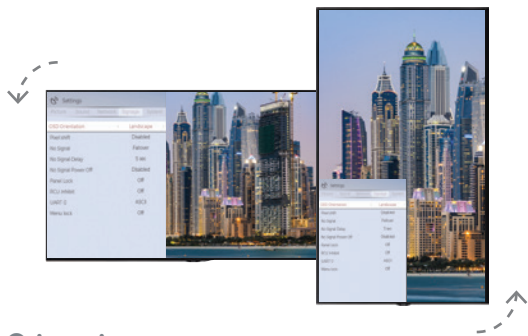
Resolution: 1920x1080 (FHD)

Brightness: 400 cd/m<sup>2</sup>

Operation: 24/7

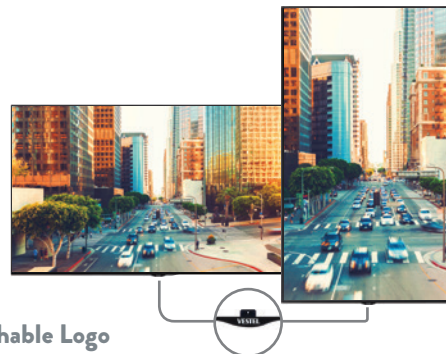
Bezel: 9-11 mm (T/R/L), 13-15 mm (B)

Interface: HDMI 2.0 / VGA / USB / RS232 / RJ45 / RJ12 / IR / HP / Audio / Speaker



### OSD Orientation

The orientation of the OSD can be adjusted to improve its ease of use whilst displaying content in portrait.



### Detachable Logo

Detachable logo allows you to put the logo desired position. Either portrait or landscape mode your logo presented in a good placement. Also you can remove the logo if it is blocking you to use more screens together.



### IP Streaming Support

Our processors in the displays make it easier to manage content through many devices. IP video streaming protocols such as RTSP/RTP/HLS and UDP Multicast are supported for real-time content streaming. So that, live broadcasts can be displayed in this way.



### Display Control over RS232 and LAN

Our platform allows users to control their displays, using a large range of commands through either a Local Area Network or direct RS232 Serial connection.

# PDM Series

Model Name	PDM43UH82/2	PDM49UH82/2	PDM55UH82/2
<b>Panel</b>			
Screen Size	43"	49"	55"
Panel Technology	IPS	IPS	IPS
Backlight Type	Direct-Type LED	Direct-Type LED	Direct-Type LED
Brightness (typical)	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Native Resolution	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD
Contrast Ratio (typical)	1000:1	1000:1	1000:1
Dynamic Contrast Ratio	40000:1	40000:1	40000:1
Panel Life Time ( Min. )	50000 Hrs	50000 Hrs	50000 Hrs
Response Time (typical)	6 ms	6 ms	6 ms
Active Area (H x V)	941 x 530 mm	1074 x 605 mm	1210 mm (H) x 681 mm (V)
Pixel Pitch (H x V)	0.4902 x 0.4902 mm	0.5593 x 0.5593 mm	0.630 x 0.630 mm
PPI (pixel per inch)	52	45	40
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7 M (8-bit)	16.7 M (8-bit)	16.7 M (8-bit)
Screen Treatment	3H	3H	3H
Haze Level	1%	1%	1%
Refresh Rate	60 Hz	60 Hz	60 Hz
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Operation Hours	24/7	24/7	24/7
Area of Usage	Indoor	Indoor	Indoor
<b>Mainboard</b>			
Mainboard Model	17MB135VS	17MB135VS	17MB135VS
<b>Monitor Connectivity</b>			
RGB Input	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)
RGB Output	N/A	N/A	N/A
Video Input	2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)
Video Output	HDMI2.0	HDMI2.0	HDMI2.0
Audio Input	Line In L/R	Line In L/R	Line In L/R
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Ser - vice(RJ12)	RS232(DE-9F), Ethernet(RJ45), Ser - vice(RJ12)	RS232(DE-9F), Ethernet(RJ45), Ser - vice(RJ12)
External Sensor	RJ12	RJ12	RJ12
<b>Mechanical</b>			
Product Dimensions (WxDxH)	966 x 106 x 557 mm	1102 x 104 x 635 mm	1238 x 104 x 712 mm
Package Dimensions (WxDxH)	1050 x 178 x 718 mm	1215 x 165 x 775 mm	1369 x 165 x 874 mm
Product Weight	10.3 kg	12.8 kg	17.05 kg
Package Weight	13.65 kg	16.8 kg	21.3 kg
Vesa Mounting	200 x 200 mm - M6	200 x 200 mm - M6	400 x 200 mm - M6
Bezel Width	B:13   T:9   L/R:10 mm	B:15   T:11   L/R:11 mm	B:14   T:11   L/R:11 mm
<b>Environmental Conditions</b>			
Operating Temperature	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	10-90%	10-90%
<b>Power</b>			
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
<b>Power Consumption</b>			
Typical	61 W	82 W	58 W
Deep Standby	≤0.5 W	≤0.5 W	≤0.5 W
<b>Features</b>			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W	2 x 8 W	2 x 8 W
<b>Accessory</b>			
Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
<b>Certification</b>			
Safety	Yes	Yes	Yes
EMC	Yes	Yes	Yes
CB	Yes	Yes	Yes
CE	Yes	Yes	Yes