

Professional High Bright Signage Displays PDH Series

43" / 49" / 55"

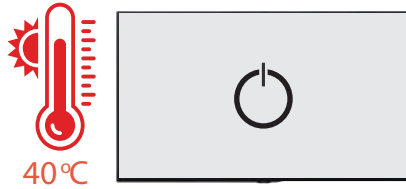
Resolution: 1920x1080 (FHD)

Brightness: 700 cd/m²

Operation: 24/7

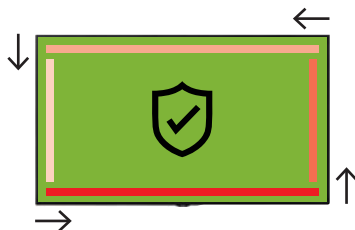
Bezel: 7-11 mm (T/R/L), 13-14 mm (B)

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



Temperature Control

You can manage the internal conditions to maximise the life of your product by using temperature settings. This feature allows you to determine max shutdown temperature to ensure about the reliability of your signage display. You can also simultaneously get the information of cabinet temperature to your CMS system by using RS232 commands.



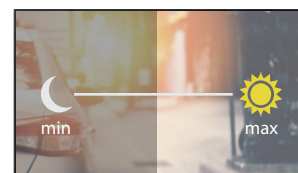
Pixel Shifting

The Pixel Shifting feature can be activated in order to reduce the potential risk of image sticking when static content is displayed over long periods of time. The feature periodically shifts the image on the display, without causing any interference of the visual experience



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.



Brightness Scheduler

Customization of a range of brightness levels via manual setup without any sensor requirement is made available using the brightness scheduling feature. The feature also helps to decrease the energy expenses while saving the environment and extending the life of the monitor.

PDH Series

Model Name	PDH43UH82/4	PDH49UH82/4	PDH55UH82/4
Panel			
Screen Size	43"	49"	55"
Panel Technology	IPS	IPS	IPS
Backlight Type	Direct-Type LED	Direct-Type LED	Direct-Type LED
Brightness (typical)	700 cd/m ²	700 cd/m ²	700 cd/m ²
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	70000:1	70000:1	70000:1
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 x 681 mm
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
Display Colours	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
Mainboard			
Mainboard Model	17MB135VS	17MB135VS	17MB135VS
Monitor Connectivity			
RGB Input	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)
RGB Output	N/A	N/A	N/A
Video Input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 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
Mechanical			
Product Dimensions (WxDxH)	966 x 106 x 557 mm	1102 x 104 x 635mm	1238 x 104 x 712 mm
Package Dimensions (WxDxH)	1050 x 178 x 718 mm	1215 x 165 x 775mm	1369 x 165 x 874 mm
Product Weight	10.5 kg	12.80 kg	17.1 kg
Package Weight	14 kg	16.80 kg	21.4 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
Environmental Conditions			
Operating Temperature	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	10-90%	10-90%
Power			
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
Power Consumption			
Typical	80 W	95 W	105 W
Deep Standby	≤0.5 W	≤0.5 W	≤0.5 W
Deep Standby			
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
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification			
Safety	Yes	Yes	Yes
EMC	Yes	Yes	Yes
CB	Yes	Yes	Yes
CE	Yes	Yes	Yes