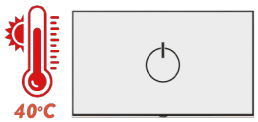
PDH43UH82/4

43" Professional High Bright Signage Displays

Key Features



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.

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.

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.

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.

Auto Launch

We have made it easy to give any HTML5-based application link to the display within the SoC software. Upon this, the display will start with the given link. The application can either be an offline or an online application, allowing the customers to execute their own application.

Scheduler

Digital Signage Monitor Software allows many important features such as Scheduler. Scheduler sets your display turn on/off time easily and lets you not to worry about the status of your displays in any time.

Features

OSD Orientation
By the power of SoC the orientation of the display menu can be easily changed. This feature is important for portrait usage of our professional panel monitors.

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.

Wireless Display
Using either Microsoft Wireless Display Adaptor or Android Screen Sharing functions on Windows and Android devices, you can mirror screen to the display using embedded wireless display capabilities without using any external devices or cables.

Embedded CMS
Embedded content management program which supports playback library, ready templates and scheduler. With its simple and intuitive menus and layout options, it is effective for small and medium enterprises to make easy content management.

Detachable Logo
Detachable logo allows you to put the logo desired positon. 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.

HDMI Wake Up
To maximize the user experience while using external video devices such as mediaplayers, display controllers or PCs, all our devices have HDMI Wakeup feature ready to turn on/off the display by simply pluging/unplugging the HDMI cable.

Menu Lock
Allows user to enable/disable menu access in order to prevent displays settings in the public area. After initial installation, you can have additional security to your signage displays in the field by using menu lock feature.

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PANEL

Screen Size	43"
Panel Technology	IPS
Backlight Type	Direct-Type LED
Brightness (typical)	700 cd/m²
Native Resolution	1920 x 1080 (16:9) - FHD
Contrast Ratio (typical)	1000:1
Dynamic Constrast Ratio	70000:1
Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	6 ms
Active Area (H x V)	941 x 530 mm
Pixel Pitch (H x V)	0.4902 x 0.4902 mm
PPI (pixel per inch)	52
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7 M (8-bit)
Screen Treatment	3H
Haze Level	1%
Refresh Rate	60 Hz
Front Type	Ultra Narrow Bezel
Orientation	Horizontal / Vertical
Operation Hours	24/7
Area of Usage	Indoor

MAINBOARD

Mainboard Model	17MB135VS

MONITOR CONNECTIVITY

RGB Input	VGA(DE-15F)
RGB Output	N/A
Video Input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)
Video Output	HDMI2.0
Audio Input	Line In L/R
Audio Output	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

MECHANICAL

Product Dimensions (WxDxH)	966 x 106 x 557 mm
Package Dimensions (WxDxH)	1050 x 178 x 718 mm
Product Weight	10.5 kg
Package Weight	14 kg
Vesa Mounting	200 x 200 mm - M6
Bezel Width	B:13 | T:9 | L/R:10 mm

ENVIRONMENTAL CONDITIONS

Operating Temperature	0-40°C
Operating Humidity	10-90%

POWER

Power Supply	110 VAC - 240 VAC - 50/60 Hz

POWER CONSUMPTION

Typical	80 W
Deep Standby	≤0.5 W

FEATURES

Main Features	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
Optional Features	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W

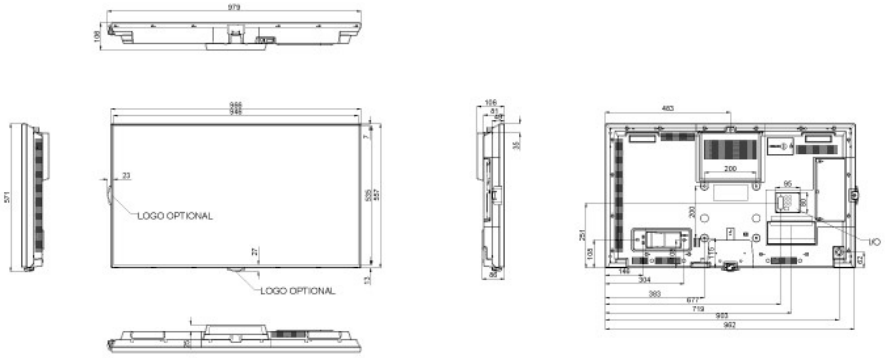
ACCESSORY

Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable

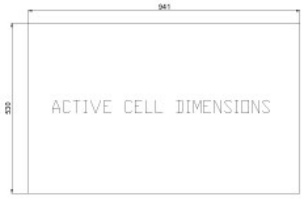
CERTIFICATION

Safety	YES
EMC	YES
CE	YES

REVNO	DATE/TARIH	NOTES/AÇIKLAMALAR
1	04/10/2009	FORMAT DÜZENLENDİ
2		
3		



MODEL 43495 DS	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	966	106	557
PACKAGING	1050	178	718



TOLERANCES	K
0.00/50.00	±0.10
50.01/100.00	±0.30
100.01/250.00	±0.50
250.01/500.00	±0.75
500.01/1000.00	±1.00
1000.01/2500.00	±1.50
ANGLES	±0.5°

NAME: 43495 DS	REV: R01
CREATED : HÜSEYİN ÇİFTÇİ	DATE: 04102011
LAST REV. : NİHAT ÖZTEN	SHEET: 1 / 1
CHECK : Hakan KOYUNCUOĞLU	SCALE : 1
APPRV. : Deniz ÇETİNYUREK	UNIT mm

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