UHM75UH83/4

75" UHD Signage Displays

Key Features

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.

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.

Menu Lock

The menu lock feature allows the displays menus to be locked after installation in order to prevent any changes or access whilst being used in a public area.

SoC

HTML-5 based applications can be developed to work directly within the SoC platform of our displays. The displays are capable of working in either online or offline mode.

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.

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.

Features

HDR10 & 4K HDMI @60Hz

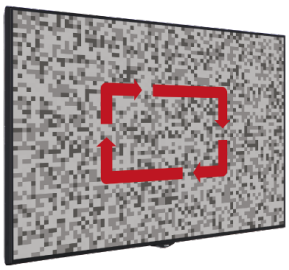
By HDR10 compatibility, customers can guarantee that all featured content meets HDR guidelines and reaches superior picture quality as clearly and brightly as possible. Different than many products in the market, 4K content over HDMI source is supported at 60Hz.

DAP (Dolby Audio Processing) Technology

Our displays provide a comprehensive sound performance by using Dolby's latest technology DAP. With embedded DAP Technology, superior sound performance achieves by intelligent audio equalizing, dialog enhancements and surround sound upmixing.

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.



Pixel Shifting

Pixel Shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move in an interval while causing no interference of visual experience.

Source Switching

It is made available to set any Source on startup of the display. It can also be switched on any other signal source using scheduler and failover scenarios. This lets the users to freely control the process of their requirements allowing best user experience.

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.

Crestron Connected

Crestron Connected certification complements VESTELs presence with inside the corporate, retail, government, better training and hospitality markets, all of which use expert AV controls. As those sectors hold to evolve with growing necessities for simple-to-use merchandise, seamless integration, dependable answers and community connectivity.

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DISPLAY

Screen Size	75"
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m²
Native Resolution	UHD: 3840 x 2160 - HDR10
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	40000:1
Panel Life Time (Min.)	30000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1650 x 928 mm
Pixel Pitch (H x V)	0.429 x 0.429 mm
PPI (pixel per inch)	59
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Screen Treatment	2H
Haze Level	3%
Refresh Rate	60 Hz
Front Type	Ultra Narrow Bezel
Orientation	Horizontal
Operation Hours	16/7
Area of Usage	Indoor

BUILT-IN SYSTEM

Mainboard Model	17MB135VS

REAR I/OS

RGB Input	VGA(DE-15F)
RGB Output	N/A
Video Input	4xHDMI2.0 (HDCP2.2), 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)	1684 x 100 x 967 mm
Package Dimensions (WxDxH)	1948 x 210 x 1170 mm
Product Weight	37.2 kg
Package Weight	50.2 kg
Vesa Mounting	600 x 400 mm - M6
Bezel Width	B:21 | T:16 | L/R:16 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	223 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, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
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 12 W

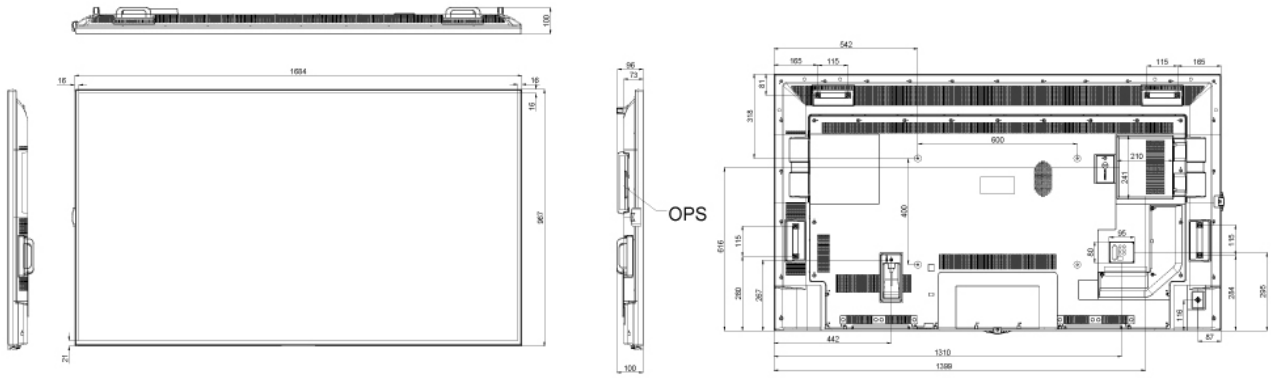
ACCESSORY

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

CERTIFICATION

Safety	YES
EMC	YES
CE	YES

REVISION	DATE / SIGNATURE	MODIFICATION / REMARK
1	04.09.2008	FORMAT DEĞİŞTİRİLDİ
2	15.10.2008	ÜRÜN BOYUTLARI GÜNCELLENDİ
3	24.10.2008	VESA ASSC MESAFESİ, OPS ve HANDLE ÖLÇÜLERİ DÜZENLENDİ



MODEL 75495 DS	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	1684	100	967
PACKAGING	1948	210	1170

TOLERANCES	K
0.00/50.00	±0.10
50.01/300.00	±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: 75495 DS — REV: R03

CREATED : HÜSEYİN ÇİFTÇİ — DATE: 24.12.2008

LAST REV. : CAN ÖLKER — SHEET: 1 / 1

CHECK : Hakan KIYMUNDUOĞLU — SCALE : 1

APPRV. : Deniz ÇETİNYUREK — UNIT mm

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