



UHM – 55” UHD – 400nits

Vestel



#UHM55UH82

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.

Specifications	-	3840x2160 (UHD) Resolution
	-	400 cd/m2 Brightness
	-	16/7 Operation
	-	Bezel 16-39 mm (T/R/L), 21-39 mm (B)

Interface

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



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.

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.

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.

DAP (Dolby Audio Processing) Technology

Our displays provides 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.

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.

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 plugging/unplugging the HDMI cable.

Panel

Screen Size



55?

Panel Technology

IPS

Backlight Type

Direct-Type LED

Brightness (typical)

400 cd/m2

Native Resolution

3840 x 2160 (16:9) – UHD

**Contrast Ratio
(typical)**

1200:1

**Dynamic Constrast
Ratio**

40000:1

**Panel Life Time
(Min.)**

30000 Hrs

**Response Time
(typical)**

6 ms

Active Area (H x V)

1210 x 681 mm

**Pixel Pitch (H x V)**

0.315 x 0.315 mm

PPI (pixel per inch)

81

Viewing Angle

178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10

Color Value

1.07 B (10-bit)

Screen Treatment

3H

Haze Level

1%

Refresh Rate

60 Hz

Front Type

Ultra Narrow Bezel

Orientation

Horizontal

Operation Hours

16/7



Monitor Connectivity	Area of Usage	Indoor
	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
	Operating Temperature	0-40°C
Environmental		



Operating Humidity

10-90%

Power Consumption

Typical

97 W

Deep Standby

20.5 W

Power

Power Supply

110 VAC – 240 VAC – 50/60 Hz

Accessory

Standard

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

Mechanical

Product Dimensions (WxDxH)

1238 x 104 x 712 mm

Package Dimensions (WxDxH)

1369 x 165 x 874 mm

Product Weight

17.05 kg

Package Weight

21.65 kg

Vesa Mounting



400 x 200 mm – M6

Bezel Width

B:14 | T:11 | L/R:11 mm

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

Certification

Safety

yes

EMC

yes

CE

yes