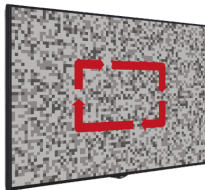# UHM55UH82/4

VESTEL

Key Features

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.

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.

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.
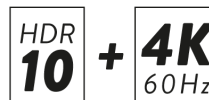

Scheduler

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.

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.

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.

Panel

Screen Size	55"	Panel Technology	IPS
Backlight Type	Direct-Type LED	Brightness (typical)	400 cd/m²
Native Resolution	UHD: 3840 x 2160 - HDR10	Contrast Ratio (typical)	1300:1
Dynamic Contrast Ratio	40000:1	Panel Life Time (Min.)	30000 Hrs
Response Time (typical)	9 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
Area of Usage	Indoor		

Built-in System

Mainboard Model	17MB135VS

Monitor Connectivity

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)	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

Environmental Conditions

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

Power

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

Power Consumption

Typical	118 W	Maximum	180 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		