

Ultra HD Signage Displays UHM Series

65" / 75" / 86"

Resolution: 3840x2160 (UHD)

Brightness: 400 cd/m²

Operation: 16/7

Bezel: 16-39 mm (T/R/L), 21-39 mm (B)

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



Eye-catching images can be shown in clarity on UHM products with high resolution and High Dynamic Range of colors. Powerful system of screen can work anywhere without need of any other source.



Display Control over RS232 and LAN

Our platform enables the users to control our displays using wide range of RS232 commands in a Local Area Network or DSUB9 connector.



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

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.



Built-in APIs for web application

Auto Launch

We have made it easy to give any HTML5-based application link to the display within the SoC software. It's because of this that the display can start with any given link. Customers can choose to use either an offline or an online application.

Ultra HD Signage Displays

UHM Series

65"/75"/86"

1. HDMI OUT
2. HDMI IN 1
3. HP
4. IR IN
5. HDMI IN 2
6. HDMI IN 3
7. HDMI IN 4
8. OPTICAL SPDIF
9. RJ12-SENSORS
10. RJ12
11. AUDIO IN L/R
12. DSUB9-RS232
13. VGA
14. RJ45
15. USB 2
16. USB 1



KEY SERIES FEATURES

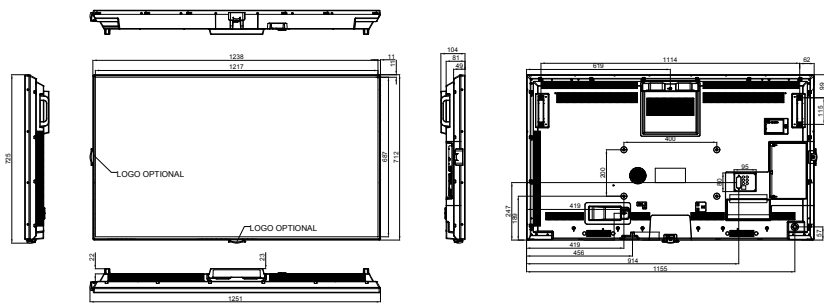
- | | | | |
|-------------------------|-------------------------|---------------------|-------------------------|
| • 4K HDMI @60Hz | • Sensor Compatibility | • OSD Rotation | • Scheduler |
| • Built-in Connectivity | • Improved UI | • Pixel Shifting | • Brightness Scheduling |
| • Built-in WiFi | • Temperature Control | • Signal Failover | • USB Auto-Play |
| • Built-in Bluetooth | • IP Streaming Support | • Input Search | • USB Cloning |
| • Display Control | • Color Calibration(VW) | • Device ID | • USB Operations |
| • SoC CMS | • Playlist Creation | • Display Lifetime | • USB Information |
| • HTML5 API Support | • Professional Design | • Serial Number | • USB Safe Eject |
| • Button Lock | • Sensor Support | • Software Upgrade | • Videowall Settings |
| • RCU Lock | • OPS Support | • Start Url | • Daisychain |
| • Menu Lock | • Touch Support | • OPS Status | • Volume Limit |
| • HDMI Wakeup | • USB Secure Cover | • OPS Power Control | • Startup Volume |
| • HDMI Switching | • Carrying Handles | • Power-up Mode | • Headphone Volume |
| • HDMI CEC | • IR Extender | • Power on Delay | |
| • HDMI Auto-Switch | • Detachable Logo | • Auto-Launch | |
| • Brightness Scheduling | • Detachable Power Cord | • Boot-up Picture | |

UHM Series

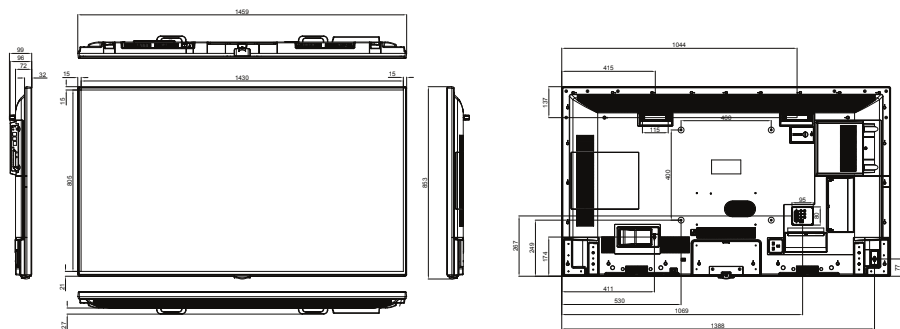
Model Name	UHM55UH82/4	UHM65UH82/4	UHM75UH83/4	UHM86SH80B/4
Panel				
Screen Size	55"	65"	75"	86"
Backlight Type	Direct-Type LED	Direct-Type LED	Direct-Type LED	Edge-Type LED
Brightness (typical)	400 cd/m ²	400 cd/m ² tt	400 cd/m ²	410 cd/m ²
Native Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1	1200:1	1200:1	1200:1
Dynamic Constrast Ratio	40000:1	40000:1	40000:1	41000:1
Panel Life Time (Min.)	30000 Hrs	50000 Hrs	30000 Hrs	30000 Hrs
Response Time (typical)	6 ms	5 ms	8 ms	8 ms
Active Area (H x V)	1210 x 681 mm	1428 mm (H) x 804 mm (V)	1650 x 928 mm	1895 x 1066 mm
Pixel Pitch (H x V)	0.315 x 0.315 mm	0.372 x 0.372 mm	0.429 x 0.429 mm	0.4935 x 0.4935 mm
PPI (pixel per inch)	81	68	59	52
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	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)	1.07 B (10-bit)	1.07 B (10-bit)	1.07 B (10-bit)
Screen Treatment	3H	60 Hz	2H	2H
Haze Level	1%	3%	3%	3%
Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel	SNB
Orientation	Horizontal	Horizontal	Horizontal / Vertical	Horizontal / Vertical
Operation Hours	16/7	16/7	16/7	16/7
Area of Usage	Indoor	Indoor	Indoor	Indoor
Mainboard				
Mainboard Model	17MB135VS	17MB135VS	17MB135VS	17MB135VS
Monitor Connectivity				
RGB Input	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)
RGB Output	N/A	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)	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)
Video Output	HDMI2.0	HDMI2.0	HDMI2.0	HDMI2.0
Audio Input	Line In L/R	Line In L/R	Line In L/R	Line In L/R
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12	RJ12	RJ12	RJ12
Mechanical				
Product Dimensions (WxDxH)	1238 x 104 x 712 mm	1459 x 99 x 853 mm	1684 x 100 x 967 mm	1975 x 103 x 1146 mm
Package Dimensions (WxDxH)	1369 x 165 x 874 mm	1607 x 177 x 980 mm	1948 x 210 x 1170 mm	2163 x 318 x 1405 mm
Product Weight	17.05 kg	24.45 kg	37.2 kg	65.8 kg
Package Weight	21.65 kg	31.85 kg	50.2 kg	85.6 kg
Vesa Mounting	400 x 200 mm - M6	400 x 400 mm - M6	600 x 400 mm - M6	600 x 400 mm - M6
Bezel Width	B:14 T:11 L/R:11 mm	B:21 mm T:15 mm L/R:15 mm	B:21 T:16 L/R:16 mm	B:38 T:38 L/R:38 mm
Environmental Conditions				
Operating Temperature	0-40°C	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	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	110 VAC - 240 VAC - 50/60 Hz
Power Consumption				
Typical	97 W	74 W	223 W	254 W
Deep Standby	≤0.5 W	≤0.5W	≤0.5 W	≤0.5 W
Features				
Main Features	Open Content Management Support, Scheduler, USB-Auto- play, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Auto- play, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Auto- play, 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	Open Content Management Support, Scheduler, USB-Auto- play, 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	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	OPS Compliance
Speaker	2 x 8 W	2 x 8 W	2 x 12 W	2 x 12 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, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification				
Safety	Yes	Yes	Yes	Yes
EMC	Yes	Yes	Yes	Yes
CE	Yes	Yes	Yes	Yes

UHM Series

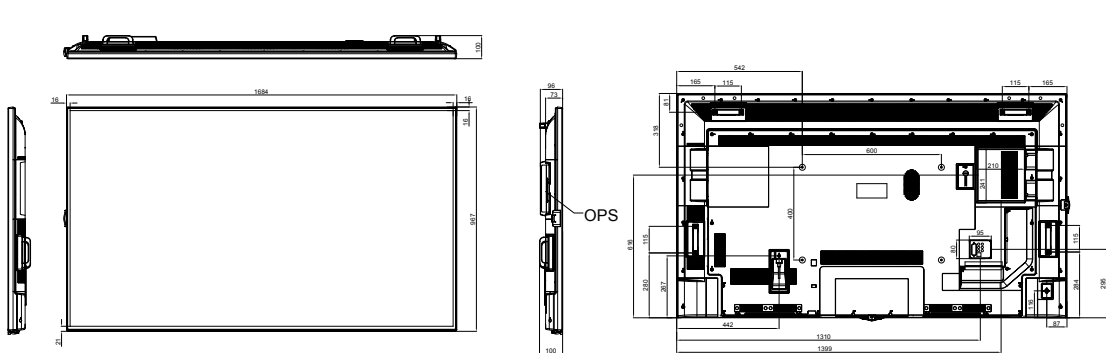
UHM55UH82/4



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UHM86SH80B/4

