# UHM65UG32/6

## 65" UHD Signage Displays

SoC · 16h · 400 · 4K · CLOUD VS opt · opt · OPS opt

ULTRA HD · SS · HDMI · Bluetooth

## Key Features

### SoC Content Management

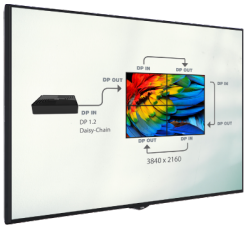
With quad core SoC (System on Chip), this Series displays are the digital signage monitors for both offline designed content and cloud-based managed content. This helps your digital content to be displayed in the displays by content management systems.

### Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is found to be desirable for digital signage specific design: internal usb cover, OPS-slot, detachable power plug, carrying handles and IR extender.

### Built-in Connectivity

This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to the wireless capabilities, the displays can easily gather its content without any external device. Moreover, WiFi allows screen sharing to be enjoyed with Miracast.



### Daisy Chain

The display can mirror the content (to another display) into its display port out coming from its display port in. This set up creates a daisy chain like structure allowing for monitors to be set up as Video Wall mode.

### Open Platform Support

Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based to be installed and used on our displays.

### Display Control

Digital Signage Display SoC enables the users to control our displays using RS232 commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.

# Features

### External Device Connections
You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via HDMI port. For this purposes, our monitors help you to maximize user experience with HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.

### Touch Support
Our touch screens are compatible with this series. Infrared (IR) Touch Screens is designed to equip your current product with user-interactivity allowing the display to be smart display and many interactive applications to be enjoyed by the end users. The design also permits any person to overlay the touch screen on the display easily.

### Signal Failover
Our SoC Software has a protection for “No Signal” scenario. If the USB is unplugged after your content is set to be displayed with USB, the display will either show your customized banner or search for any other signal from other sources (HDMI, Display Port, etc.). This failover protection is constructed for higher 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.

### Usb Auto-Play
You will be able to show photo and video content automatically with USB Auto-play feature. SoC software gives you a choice to turn on USB auto-play function making it easy for end-users to show any media on the screen and not worry about anything else.

### OPS Support
All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific 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.

### Operation Time Support
Professional Panels used with this series are quality confirmed to operate 16 hours a day without any issues. Upon this, the series come with 400 Nits brightness levels suitable for medial indoor environment.

### Usb Security
This series lets your USB and your content to be secured within the back cover of the display. The cover is protected with a screw not allowing any outside intervention.

### 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.

# UHM65UG32/6

## PANEL

| | |
|---|---|
| Screen Size | 65" |
| 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. ) | 50000 Hrs |
| Response Time (typical) | 5 ms |
| Active Area (H x V) | 1428 mm (H) x 804 mm (V) |
| Pixel Pitch (H x V) | 0.372 x 0.372 mm |
| PPI (pixel per inch) | 68 |
| Viewing Angle | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 |
| Color Value | 1.07 B (10-bit) |
| Refresh Rate | 60 Hz |
| Front Type | Ultra Narrow Bezel |
| Orientation | Horizontal |
| Operation Hours | 16/7 |
| Area of Usage | Indoor |

## MAINBOARD

| | |
|---|---|
| Mainboard Model | 17MB120DSR4-DSOPT6 |

## MONITOR CONNECTIVITY

| | |
|---|---|
| RGB Input | Dsub 15 PIN VGA CON., YPbPr |
| RGB Output | N/A |
| Video Input | 2xHDMI2.0, 1xUSB3.0, 1xUSB2.0, 1xUSB2.0(USB Cover) |
| Video Output | HDMI2.0 |
| Audio Input | LINE IN JACK |
| Audio Output | LINE OUT JACK |
| External Control | RS232(DSUB 9P), RJ12, Ethernet |
| External Sensor | N/A |

## MECHANICAL

| | |
|---|---|
| Product Dimensions (WxDxH) | 1459 x 99 x 853 mm |
| Package Dimensions (WxDxH) | 1607 x 177 x 980 mm |
| Product Weight | 24.45 kg |
| Package Weight | 31.85 kg |
| Vesa Mounting | 400 x 400 mm - M6 |
| Bezel Width | B:21 mm \| T:15 mm \| L/R:15 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 | 190 W |
| Deep Standby | ≤0.5W |

## 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 |

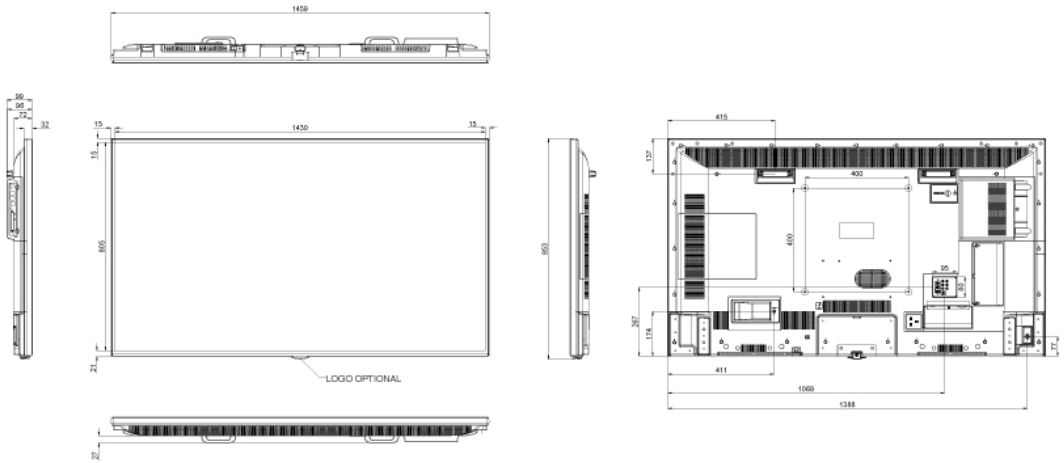
## ACCESSORY

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

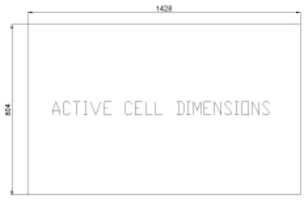
## CERTIFICATION

| | |
|---|---|
| Safety | YES |
| EMC | YES |
| CE | YES |

| REVNO | DATE/TARIH | NOTES-AÇIKLAMALAR |
|---|---|---|
| 1 | 04.10.2018 | FORMAT GENİŞLENDİ |
| 2 | | |
| 3 | | |




| MODEL 65495 DS | DIMENSIONS (mm) | | |
|---|---|---|---|
| | WIDTH mm | DEPTH mm | HEIGHT mm |
| PRODUCT | 1459 | 99 | 853 |
| PACKAGING | 1607 | 177 | 980 |




| TOLERANCES | K |
|---|---|
| 0.01/50.00 | ±0.10 |
| 50.01/100.00 | ±0.38 |
| 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: 65495 DS | REV: R01 |
|---|---|
| CREATED : HÜSEYİN ÇİFTÇİ | DATE: 04.10.2018 |
| LAST REV. : NİHAT ÖZTEN | SHEET: 1 / 1 |
| CHECK : Hakan KÜTÜKÇÜOĞLU | SCALE : 1 |
| APPRV. : Deniz ÇETİNTÜREK | UNIT mm |

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