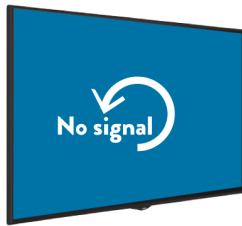




## 98" Professional UHD Signage Displays

### Key Features



#### Signal Failover

Our displays have a protection for "No Signal". If the source is disconnected, the display will either show your customized banner or search for any other signal from video sources. Since blank screen is the worst case scenario for advertisement, failover is one of the critical feature in our signage displays.



#### Scheduler

The built in scheduler is one of the many important included features. The scheduler allows you to plan daily routines of when the display is powered on or off, along with selection of different sources or USB playlists.



#### 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.



#### 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.



#### Pixel Shifting

The Pixel Shifting feature can be activated in order to reduce the potential risk of image sticking when static content is displayed over long periods of time. The feature periodically shifts the image on the display, without causing any interference of the visual experience.



#### 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.

# Features



## 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.



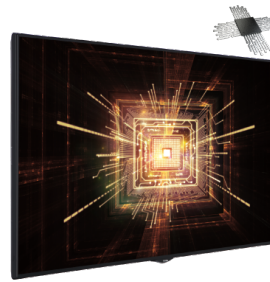
## OPS Support

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.



## 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.



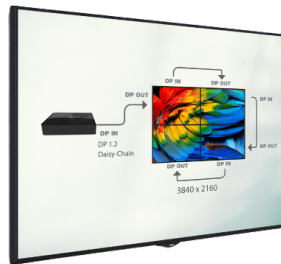
## SoC Content Management

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.



## 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.



## 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.

## PANEL

Screen Size	98"
Panel Technology	SVA
Backlight Type	ELED
Brightness (typical)	500 cd/m <sup>2</sup>
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	4000:1
Dynamic Contrast Ratio	50000:1
Panel Life Time ( Min. )	50000 Hrs
Response Time (typical)	6ms
Active Area (H x V)	2158 x 1214 mm
Pixel Pitch (H x V)	0.5621 x 0.5621 mm
PPI (pixel per inch)	45
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7 M (8-bit)
Screen Treatment	2H
Haze Level	25%
Refresh Rate	60 Hz
Front Type	SNB
Orientation	Horizontal / Vertical
Operation Hours	24/7
Area of Usage	Indoor

## MAINBOARD

Mainboard Model	17MB135VS
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## MONITOR CONNECTIVITY

RGB Input	VGA(DE-15F)
RGB Output	N/A
Video Input	4xHDMI2.0, 1xDP1.2a, 2xUSB2.0, USB2.0(Internal)
Video Output	HDMI2.0, DP1.2a
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)	2236 x 98 x 1292 mm
Package Dimensions (WxDxH)	2423 x 380 x 1563 mm
Product Weight	102.3 kg
Package Weight	126.7 kg
Vesa Mounting	900 x 600 mm
Bezel Width	B:39   T:39   L/R:39 mm

## ENVIRONMENTAL CONDITIONS

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

## POWER

Power Supply	110 VAC - 240 VAC - 50/60 Hz
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## POWER CONSUMPTION

Typical	498 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
Speaker	2x12W

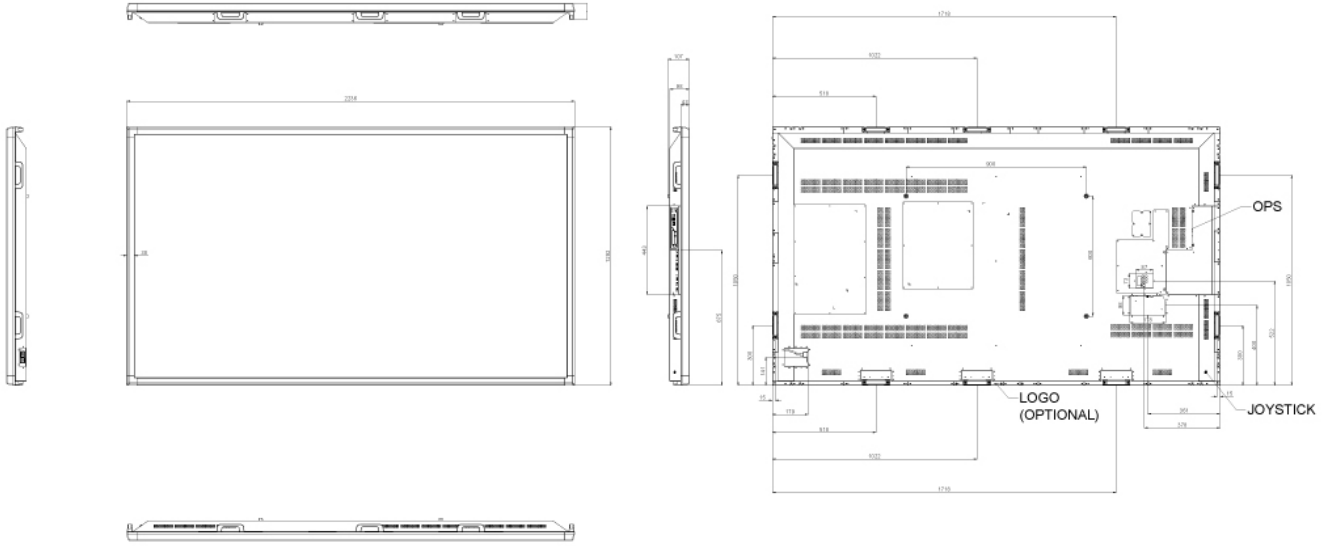
## ACCESSORY

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

Safety	YES
EMC	YES
CE	YES

REVIZI	REVIZÖR	REVIZÖRÜN İMZA
1	28.03.2019	ÖZGÜR ÇELİKTAŞ/ELAV



MODEL 98990 DS	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	2236	107	1292
PACKAGING	2423	380	1563



TOLERANCES	K	NAME: 98990 DS	REV: R01
0.00/50.00	±0.10	CREATED : CAN OKER	DATE: 28.03.2019
50.00/100.00	±0.20	LAST REV. : CAN OKER	SHEET: 1 / 1
100.00/250.00	±0.50	CHECK : Hakan KAYINDIGILU	SCALE : 1
250.00/500.00	±0.75	APPROV. : Deniz ÇETİNYÜREK	UNIT: mm
500.00/1000.00	±1.00	 VESITEL ELECTRONICS / ULKAL PRODUCTS OPERATIONS PARKI/IZMIR/TURKEYE TEL: +90 236 2336660 FAX: +90 236 2336552	
1000.00/2500.00	±1.50		
ANGLES	±0.5°		