PDU86S30B/7

VESTEL

86" Professional UHD Signage Displays

500 | OPS opt | 4K | 24h | SoC
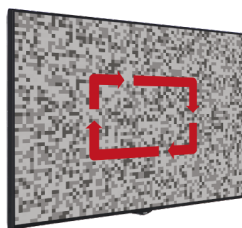
HDMI | SS⟷ | ULTRA HD | IPS

Key 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.

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.

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.

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.

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.
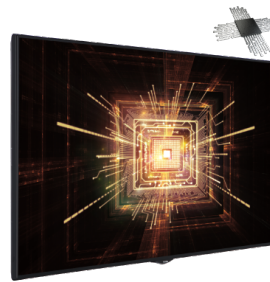
Operation Time Support

Professional Panels used with this series are quality confirmed to operate 24 hours a day without any issues. Our customers will experience the highest quality of our screens unlimited to any operation.

Features

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.

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.

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.

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.

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.

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.

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VESTEL

PANEL

Screen Size	86"
Panel Technology	IPS
Backlight Type	Edge-Type LED
Brightness (typical)	500 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	50000:1
Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1899 x 1069 mm
Pixel Pitch (H x V)	0.4935 x 0.4935 mm
PPI (pixel per inch)	52
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Screen Treatment	2H
Haze Level	3%
Max. Pixel Freq.	74.25 MHz
Refresh Rate	120 Hz
Front Type	SNB
Orientation	Horizontal / Vertical
Operation Hours	24/7
Area of Usage	Indoor

MAINBOARD

Mainboard Model	17MB120DSR4-DSOPT7

MONITOR CONNECTIVITY

RGB Input	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A
Video Input	2xHDMI2.0, DP1.2a, 1xUSB3.0, 1xUSB2.0
Video Output	DP1.2a, HDMI out
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)	1975 x 103 x 1146 mm
Package Dimensions (WxDxH)	2163 x 318 x 1405 mm
Product Weight	65.8 kg
Package Weight	85.6 kg
Vesa Mounting	600 x 400 mm - M6
Bezel Width	B:38	T:38	L/R:38 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	254 W
Deep Standby	≤0.5 W

FEATURES

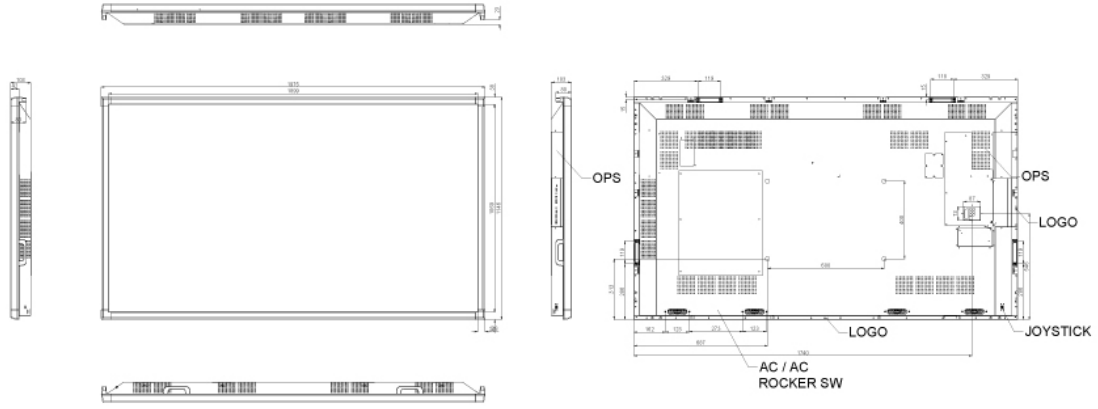|	
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance
Speaker	2 x 12 W

ACCESSORY

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

CERTIFICATION

Safety	YES
EMC	YES
CE	YES

OPS

OPS

LOGO

LOGO

JOYSTICK

AC / AC ROCKER SW

MODEL 86990 DS	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	1975	103	1146
PACKAGING	2163	318	1405

ACTIVE CELL DIMENSIONS

TOLERANCES	K	NAME: 86990 DS		REV: R01
0.10/50.00	±0.10	CREATED : HÜSEYIN ÇIFTÇI	DATE: 04.02.2018	
50.01/100.00	±0.30	LAST. REV. : NIHAT ÖZTEN	SHEET: 1 / 1	
100.01/250.00	±0.50	CHECK : Hakan KOYUNCUOGLU	SCALE: 1	
250.01/500.00	±0.75	APPRV. : Deniz ÇETONYÜREK		UNIT mm
500.01/1000.00	±1.00			
1000.01/2500.00	±1.50	VESTEL	VESTEL ELECTRONICS / DIJITAL PRODUCTS OPERATIONS MANISA/TÜRKIYE	
ANGLES	±0.5°		TEL:+90.236.2130660 FAX:+90.236.2130512	