



**55" Extra Thin Video Wall Displays**



**Key Features**



**Real Ultra HD Resolution**

With our videowall you can deliver real UHD resolution in a 2 x 2 arrangement. The videowalls are capable of combining 4 x FHD displays to create a single Real UHD image without the need of external processing or scaling devices.



**Great Picture with Different Brightness Option**

Create a seamless and striking visual experience with our Video Wall displays. Offering 500-700 Nit options, our monitors can display your content in picture perfect resolution, whatever the lighting conditions.



**Landscape and Portrait Mode**

Our Video Walls can be displayed in either landscape or portrait mode. Vestel's 24/7 professional displays not only allow for installation in portrait mode, but also for additional display protection. The displays' Pixel Shifting feature reduces the risk of any on-screen imagery sticking.



**Ultra / Extra / Razor Narrow Bezel**

Reducing the gap between each display area. Vestel's designs help create an almost seamless overall on screen image with 3.5 mm, 1.8 mm and less than 1 mm combined bezels.



**OPS Compatibility**

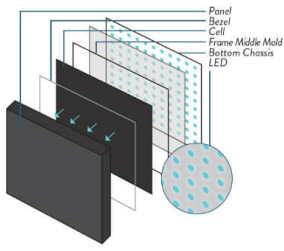
65" Videowall is the only Vestel Videowall with the OPS slot which can be connected in a daisy chain format without needing any external media players.



**Daisy Chain with Display Port or HDMI Option**

Reduce cost and maximize video quality with Vestel's Video Wall displays, using Display Port 1.2a-enabled or HDMI 2.0 screens, Vestel offers a daisy chain solution that cuts the cost of installation, cabling and maintenance. This daisy-chained monitor set up also ensures a more immersive viewing experience.

# Features



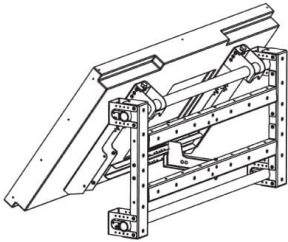
## IPS Reliability

Vestel IPS displays present the most clear image in both landscape and portrait orientation without any image distortion. IPS also provides 178° ultra-wide viewing angle, displaying the most accurate image quality.



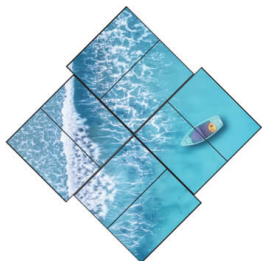
## Higher Visibility

Vestel panels come with anti-reflective treatment to decrease glare under strong light exposure. Aside from glare protection, 700 Nits VWs ensure high visibility even under high levels of ambient light.



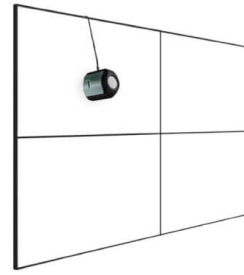
## Wall Mount Option

Vestel presents the Wall Mount option for landscape usage. Vestel Wall mounts are able to move in all possible directions making it easy to place and align the bezels perfectly.



## Video Wall Controller Tool

This new software puts ease of use for Video walls by reaching Auto/Manual parameter setup on each/multi/all selected display, Remote control by IR Simulation or LAN/RS232 Control and Video and Picture rotation for Informal Layouts on one software.



## White color Calibration

For managing color uniformity with highest performance, color calibration has been made available for on-site maintenance. This results in a more uniform colour distribution and minimised colour distortion.



## Longer Stability

Vestel VWs are able to tolerate longer hours of operation, equipped with pixel-shifting feature to prevent a fixed image from sticking on the screen.



## Eco Design

Vestel VWs are made to operate at lower energy usage while performing at high levels. Also, Vestel follows the worldwide standards for limiting harmful substances and eliminating waste products.



## Remote Control

Any number of Vestel VWs can be remotely controlled over RS232 Loop configuration. This eases the installation process of the VW displays, by controlling and configuring all the units via PC at the same time.

## PANEL

Screen Size	55"
Panel Technology	IPS
Panel Brand	LG
Backlight Type	DLED
Brightness (typical)	500 cd/m2
Native Resolution	1920 x 1080
Contrast Ratio (typical)	1100 : 1
Dynamic Contrast Ratio	500,000 : 1
Life Time (typical)	100,000 hrs
Response Time (typical)	8 ms
Active Area (H x V)	1209.6 (H) x 680.4 (V)
Pixel Pitch (H x V)	0.630 x 0.630
PPI (pixel per inch)	40
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.06 B (10-bit)
Screen Treatment	3H
Haze Level	28%
Refresh Rate	60 Hz
Front Type	Extra narrow bezel
Orientation	Horizontal / Vertical
Operation Hours	24/7 Panel
Area of Usage	Indoor

## MONITOR CONNECTIVITY

RGB Input	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A
Video Input	2 x HDMI2.0, 2 x USB2.0, 1 x DP1.2a
Video Output	HDMI2.0, DP1.2a
Audio Input	LINE IN JACK
Audio Output	LINE OUT JACK
External Control	DSUB9: UART TTL Loop Out, RJ12: UART TTL Loop In, Ethernet
External Sensor	N/A

## POWER

Power Supply	110 VAC - 240 VAC
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## MECHANICAL FEATURES

Size	1211.4 (W) x 103.6 (D) x 682.2 (H)
Shipping Size	1359 (W) x 277 (D) x 836 (H)
Weight (kg)	27 kg
Shipping Weight (kg)	37 Kg
Vesa Mounting Size	400 x 600
Bezel Width	1.8 mm

## ACCESSORY

Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter
Mounting Kit	Standard

## MAINBOARD

Mainboard Model	17MB135VS
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## ENVIRONMENTAL CONDITIONS

Operating Temperature	+50°C / 0°C
Operating Humidity	%90

## POWER CONSUMPTION

Typical	121W
Deep Standby	0.5W<

## FEATURES

Main Features	Videowall setup with Daisy-Chain, Open Content Management Support, Manual Fine Color Calibration, Videowall Scheduler, Auto-Launch, Auto-switch on Failover, Panel Lock
Mechanical Features	ON/OFF Button, IR Extender, Carrying Handles
Speaker	N/A

## CERTIFICATION

Safety	Yes
EMC	Yes
CE	Yes

PLASTIC PARTS		METAL PARTS		SHOWPARTS		NAME		REV. NO.	
TOLERANCES	K	TOLERANCES	K	TOLERANCES	K	Video Wall 55 THB3 1.8mm			
0.050	12	0.050	12	0.050	12	INTERNAL		SHEET 1/1	
0.100	12	0.100	12	0.100	12	DRIFT HEADS/COVERS		SCALE	
0.150	12	0.150	12	0.150	12	DRIVEN HEADS/COVERS		UNIT	
0.200	12	0.200	12	0.200	12	CHECK MANUFACTURE		PART NO.	
0.300	12	0.300	12	0.300	12	KIT		PART NO. A3	
0.400	12	0.400	12	0.400	12	KIT			
0.500	12	0.500	12	0.500	12	KIT			
0.600	12	0.600	12	0.600	12	KIT			
0.800	12	0.800	12	0.800	12	KIT			
1.000	12	1.000	12	1.000	12	KIT			
1.500	12	1.500	12	1.500	12	KIT			

WESTEL

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