

# PROSPECTRE

## VW SERIES

### VIDEO WALL SOLUTIONS

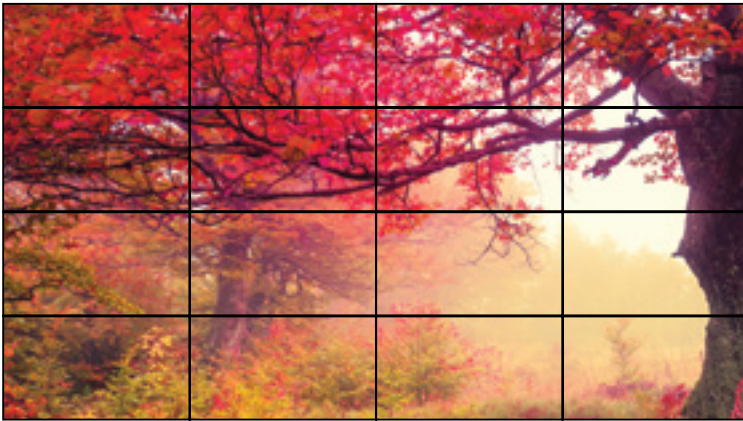
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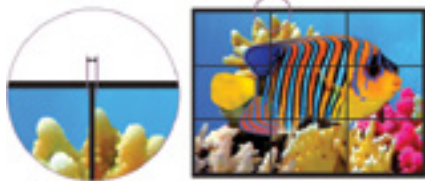


# PROSPECTRE VW Series

49" and 55" Video Wall Display

Create a powerful visual experience with ProSpectre video wall screens. These displays boast UNB (Ultra Narrow Bezel) and XNB (Extra Narrow Bezel) qualities, delivering video content smoothly across multiple adjacent panels to provide a pristine large screen effect.

Content to Content 3.8mm or 1.8mm



## Ultra / Extra Narrow Bezel

Reducing the distance between each display area, ProSpectre video wall displays help to create a near-seamless overall image area with only 3.8mm (UNB) and 1.8mm (XNB) combined bezels.

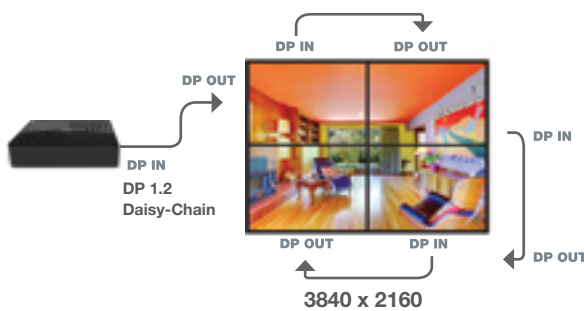


Landscape

Portrait

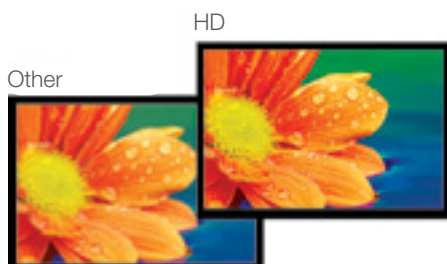
## Landscape and Portrait Orientation

ProSpectre video wall displays can be installed in either landscape or portrait modes. This flexibility allows for creative and dynamic imaging as well as the practicality of maximising available display space.



## Built-In Video Wall Processing

The ProSpectre displays offer integrated software modules such as Open Content Management, Vsign Software and Videowall Scheduler to allow for image configuration across a number of video wall arrangements, as well as Display Port daisy chain connectivity, thus reducing the costs of external video wall processing and signal distribution.



## High Definition Picture Brightness

Create a seamless and striking visual effect with ProSpectre's Full HD video wall displays offering brightness levels of up to 700 Nits to display any content in picture perfect resolution in any indoor environment.



## Video Wall Bracket

Fully adjustable, front serviceable video wall bracket included for ease of use and perfect video wall alignment. No back frame required.

## Pixel Shifting

With ProSpectre Displays' Pixel Shifting feature, the risk of on screen image retention is reduced. The display panel is designed to move the entire video frame periodically, to prevent the effects of image retention.

## Around The Clock Operation

The ProSpectre professional video wall panels are quality confirmed to operate 24 hours per day.

## Video Wall Solutions / **VW Series** / Specifications

Model Name	VW49UNB451	VW55UNB51	VW55UNB71	VW55XNB51	VW55XNB71
<b>Panel</b>					
Mainboard Model	MB120DS	MB120DS	MB120DS	MB120DS	MB120DS
H-Freq	67,5 KHz	67,5 KHz	67,5 KHz	67,5 KHz	67,5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Size	49"	55"	55"	55"	55"
Backlight Type	DLED	DLED	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS	IPS	IPS
Panel Type	24/7 TV Panel	24/7 TV Panel	24/7 TV Panel	24/7 TV Panel	24/7 TV Panel
Front Type	Ultra narrow bezel	Ultra narrow bezel	Ultra narrow bezel	Extra narrow bezel	Extra narrow bezel
Orientation	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Active Area	1073.8 (H) x 604 (V)	1209.6(H) x 680.4(V)	1209.6(H) x 680.4(V)	1209.6(H) x 680.4(V)	1209.6(H) x 680.4(V)
Brightness	450 cd/m2	500 cd/m2	700 cd/m2	500 cd/m2	700 cd/m2
Contrast Ratio	1300 : 1	1400 : 1	1400 : 1	1400 : 1	1400 : 1
Panel life time (Typ.)	50000hrs	60000hrs	60000hrs	60000hrs	60000hrs
Panel life time (Average)	30000hrs	50000hrs	50000hrs	50000hrs	50000hrs
Viewing Angle	178°	178°	178°	178°	178°
Response Time	8 ms	12 ms	12 ms	8 ms	8 ms
Color Value	10 bit(D), 1.07 Billion colors	10Bit (D), 1.06 Billion colors	10Bit (D), 1.06 Billion colors	10 bit(D), 1.06 Billion colors	10Bit (D), 1.06 Billion colors
Areas of Usage	Indoor	Indoor	Indoor	Indoor	Indoor
<b>Monitor Connectivity</b>					
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A	N/A	N/A
<b>Mechanical Features</b>					
Size(mm)	1077.6(H) x 607.8(V) x 56.1 / 94.2 (D)	1213.4(H) x 684.2(V) x 52.5 / 97.6 (D)	1213.4(H) x 684.2(V) x 52.5 / 112.1 (D)	1211.4 (L) x 682.3 (H) x 54.1 / 104.6(D)	1211.4 (L) x 682.3 (H) x 54.1 / 104.6(D)
Shipping Size(mm)	1196 (H) x 729 (V) x 209 (D)	1359(H) x 804(V) x 209(D)	1359(H) x 804(V) x 209(D)	1359(H) x 804(V) x 209(D)	1359(H) x 804(V) x 209(D)
Panel Weight	27.5 Kg	37 Kg	37 Kg	30.50 kg	30.50 kg
Shipping Weight	32 Kg	42.5 Kg	42.5 Kg	36 Kg	36 Kg
Vesa Mounting Size(mm)	400x600	400x600	400x600	400x600	400x600
Bezel Width	3.8 mm	3.8 mm	3.8 mm	1.8 mm	1.8 mm
<b>Working Conditions</b>					
Temperature Conditions	+50°C / 0°C	+50°C / 0°C	+50°C / 0°C	+50°C / 0°C	+50°C / 0°C
Humidity	90%	90%	90%	90%	90%

General Features

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

Power

Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Deep StandBy)	0.5W<	0.5W<	0.5W<	0.5W<	0.5W<
Power Consumption(On Full Load)	79W	138W	220W	140W	195W

Accessory

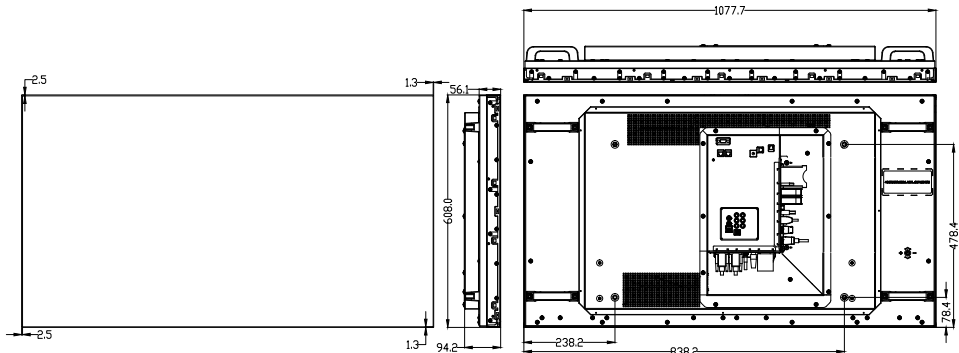
Standard	Quick start guide, Warranty Card, Instruction booklet, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	Quick start guide, Warranty Card, Instruction booklet, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	Quick start guide, Warranty Card, Instruction booklet, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	Quick start guide, Warranty Card, Instruction booklet, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	Quick start guide, Warranty Card, Instruction booklet, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter
OPS	N/A	N/A	N/A	N/A	N/A
Touch Overlay	N/A	N/A	N/A	N/A	N/A
Mounting Kit	Standard	Standard	Standard	Standard	Standard

Certification

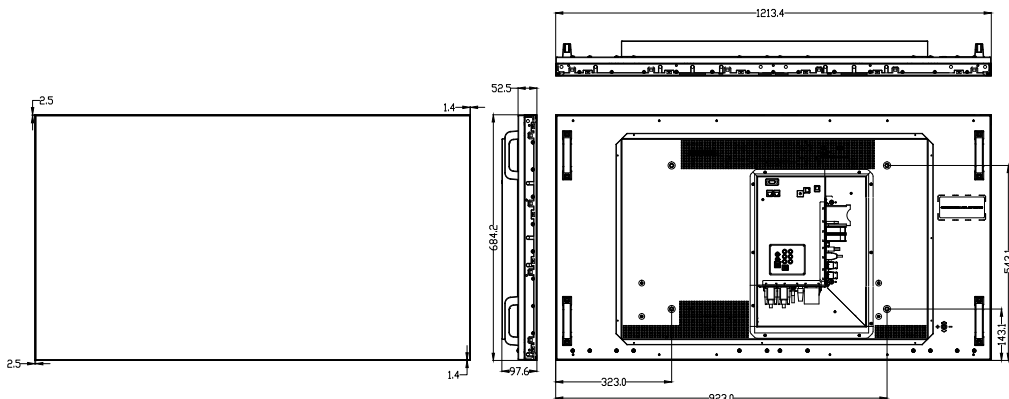
Safety Approval	✓	✓	✓	✓	✓
CB	✓	✓	✓	✓	✓
S-MARK	✓	✓	✓	✓	✓
EMC Approval	✓	✓	✓	✓	✓
CE	✓	✓	✓	✓	✓

Video Wall Solutions / **VW Series** / Design

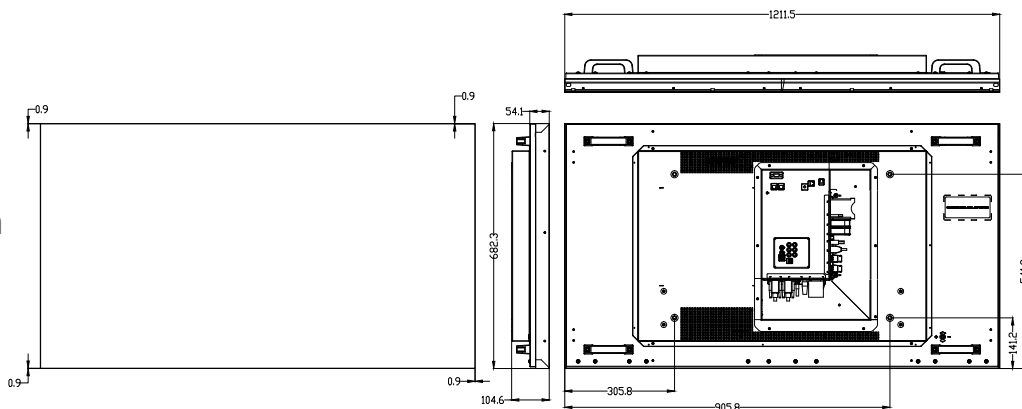
49"  
3.8mm



55"  
3.8mm



55"  
1.8mm



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