4K VIDEO WALL
SOLUTIONS

ORION Images R4K (FHD) Video Wall series has Immediate Benefits for Security Room, Retail, Shopping Mall, Corporation, Broadcast, Transportation, Government, Health Care, Casino and more
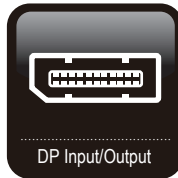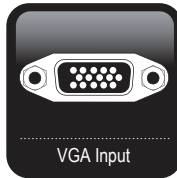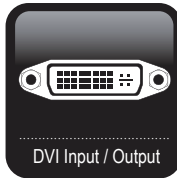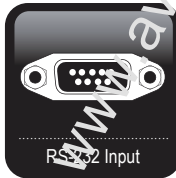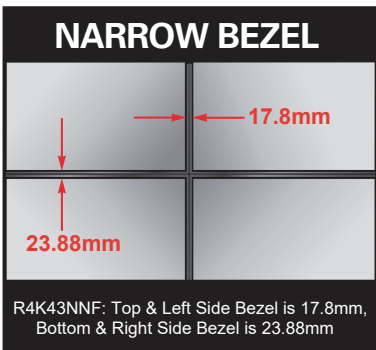
LED
R4K43NNF NEW
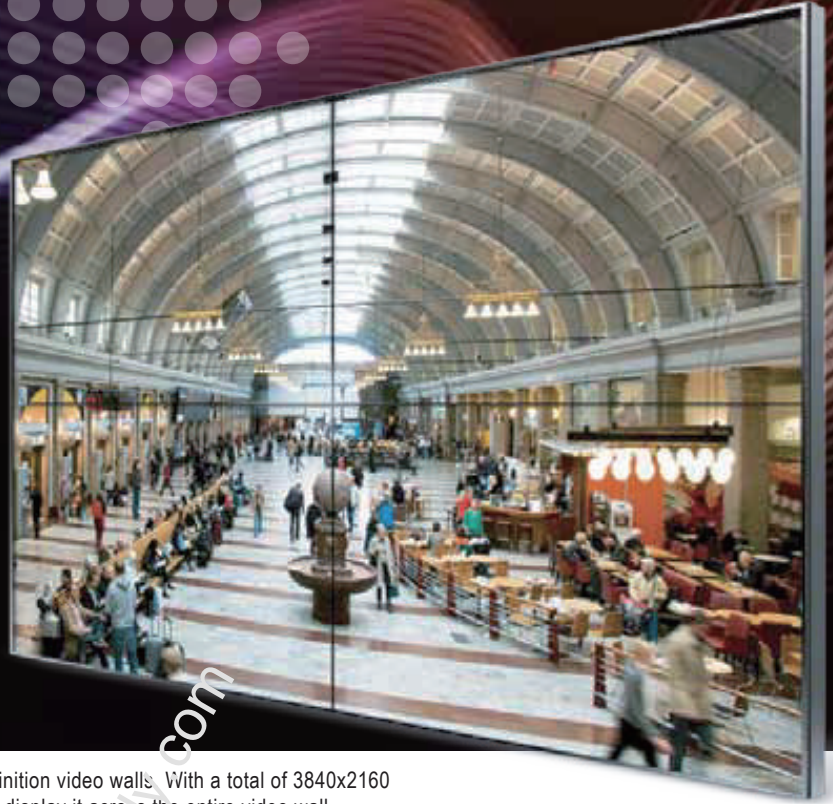
The R4K (FHD) Series of LCD displays is the perfect solution for ultra high definition video walls. With a total of 3840x2160 (based on 2 x 2 configuration) and the ability to take a single video source and display it across the entire video wall. It is an excellent choice for command & control centers, corporate, AV and digital signage applications. .

4K	450 cd/m²	HDMI					
Input Resolution	Max Brightness	HDMI Input / Output	RS-232 Input	DVI Input / Output	VGA Input	DP Input/Output	PIP / PBP / QUAD
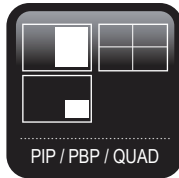
Video Walls for Security, Control Rooms, Commercial AV, Professional AV & has immediate benefits for:

In addition, this solution can also be used for corporate AV and Digital Signage applications such as shopping malls, airports, stadiums, lobby signage, boardrooms, and more. Whether small lobby display or extra large video walls, the tiled R4K series makes statement. Public Display Signage receives 10 times the eye contact of static signage and is creating cost-effective opportunities to improve customer service, safety, way finding, branding, training, and communications.

Unlike plasma technology, LCD video walls require less power consumption and with auto pixel shift built in they are not subject to permanent, irreversible burn-in. Unlike individual mount LCD's that leave gaps between each monitor, tiled video walls offer more flexibility, scalability and the possibility for a higher resolution.

NARROW BEZEL

17.8mm

23.88mm

R4K43NNF: Top & Left Side Bezel is 17.8mm, Bottom & Right Side Bezel is 23.88mm

- » Security / Control Rooms
- » Retail
- » Universities & colleges
- » Corporations
- » Transportation
- » Health Care & Medical
- » Government
- » Financial Institutions
- » Hospitality
- » Casino

COMPLETE VIDEO WALL SOLUTIONS / Customize Mount and Multiviewer System

A wide variety of standard mounts and build to order customs are available.

Multiviewer systems for any application

SPECIFICATIONS

| R4K43NNF	
Bezel Width	
Top / Bottom / Left / Right	11.94mm / 11.94mm / 8.9mm / 8.9mm
Display	
Screen Size	42.51 Inch
Max. Resolution	1920 x 1080 @ 60Hz
Pixel Pitch	0.4902 x 0.4902mm
Brightness	450cd/m^2
Contrast Ratio	1100 : 1
Aspect Ratio	16 : 9
Viewing Angle	178° / 178°
Display Color	16.7 Million (8bit)
Response Time	< 12ms (Gray to Gray)
Video System	NTSC / PAL
Interface	
Display Port	1 / 1
HDMI In / Out	1 / 1
VGA In (15Pin D-Sub)	1
DVI-D In / Out	1 / 1
RS232 In / Out	1 / 1
Audio Out	1
Transmitter	
IR Remote Control	Yes
Features	
Multi Display Function	PBP / PIP / QUAD
Temperature Sensor	Yes (Option)
De-Interlace	Yes
Noise Reduction	Yes
Auto Fan Control System	Yes (Option)
Auto Pixel Shift	Yes
Auto Source Switching	Yes
Edge Setting (Horizontal / Vertical)	Yes
Advance Auto Power Recovery	Yes
Multi Language	English, Spanish, French, German
RS-232C Control	Monitor OSD control using PC
Outline Dimension	
Dimension (W x H x D)	37.93" x 21.96" x 2.75"
Net. Weight	23Kg (50.70 lbs)
Warranty	
Part / Labor	3year / 3year
Circumastance	
Operating Temperature	0° ~ 40° C / 32° ~ 104° F
Power	
Electrical Ratings	AC 100 ~ 240V (50/60Hz)
Power Consumption	< 128W
Mount	
VESA™ Mount Size	600 x 400mm
Video Wall	WFS, WES, WSD, WSR
Stand Alone	WB-4663
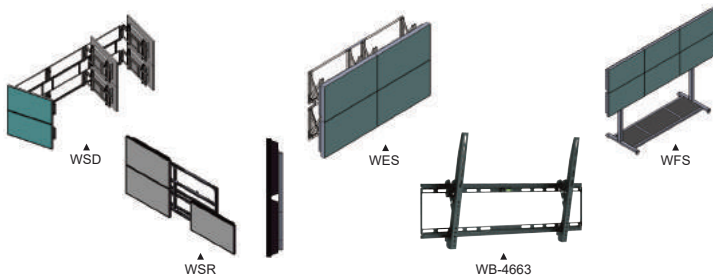
SOFTWARE

Video Wall Control S/W R4K Commander features:

» Extremely easy to use
» Control each display Separately or All at once
» Select 1 or multiple monitor viewing configurations
» Multi Vision options: example - 5x5 (boarder) from DVI and 3x3 (in the center)
» Schedule a sequence of multiple display content configurations
» File Management – Save and store edited contents for easy replay access
» Select input source
» Menu lock out (IR or panel)
» Power control – On / Off
» Color setting (RGB) & Brightness
» Edge setting (horizontal & vertical gap)

HARDWARE

Hardware features:

» Spread 1 image across multiple monitors using 1 video source
» Video Wall Processor built in
» Remote Display Management
» Landscape and Portrait
» HDMI In / Out
» DVI-D In / Out
» Display Port In / Out
» VGA In
» RS-232C In / Out for pc / server control
» Control panel Lock (panel or IR)
» All metal chassis
» Auto power recovery
» Auto pixel shift
» PIP / PBP / QUAD Displays
» VESA standard hole patterns

INTERFACE

KEYPAD (MAGNET TYPE / OPTION)

VIEW A   VIEW B
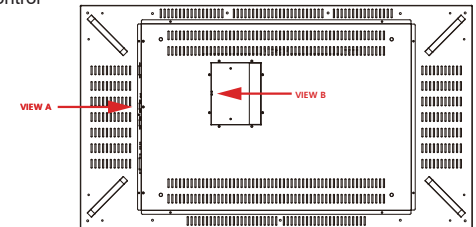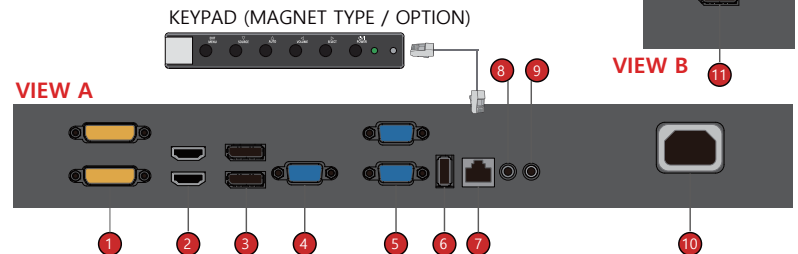
① **DVI :** DVI signal Input(Bottom)/Loop Output(Top)
② **HDMI :** HDMI signal Input(Bottom)/Loop Output(Top)(Does not support HDCP)
③ **DP :** DP signal Input
④ **VGA :** RGB signal Input
⑤ **RS-232 :** RS-232 Control signal Input(Bottom)/Loop Output(Top)
⑥ **USB :** FW Update Input
⑦ **Keypad :** UTP cable Input for Keypad
⑧ **IR IN :** IR Signal Input
⑨ **Audio :** Audio Line Output
⑩ **AC Power :** AC Power Input
⑪ **DP :** DP signal Output

MOUNTS

WSD   WES   WFS
WSR   WB-4663

Design and specifications are subject to change without notice