

## 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 R4K49UHF



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.

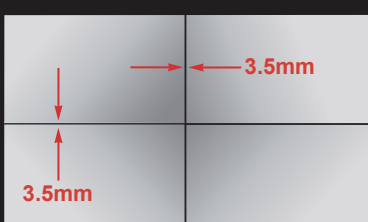
<b>2.3mm 1.2mm</b> Bezel Width	<b>4K</b> Input Resolution	<b>700 cd/m<sup>2</sup></b> Max Brightness	<b>HDMI</b> HDMI Input / Output	<b>RS-232</b> RS-232 Input	<b>DVI</b> DVI Input / Output	<b>VGA</b> VGA Input	<b>DP</b> DP Input / Output	<b>PIP / PBP / QUAD</b>
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### 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.

#### ULTRA NARROW BEZEL



R4K49UHF: Top & Left Side Bezel is 2.3mm, Bottom & Right Side Bezel is 1.2mm

- » 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

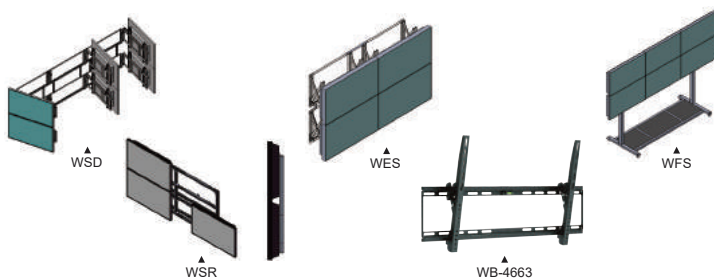
A wide variety of standard mounts and build to order customs are available.

Multiviewer systems for any application

## SPECIFICATIONS

R4K49UHF	
<b>Bezel Width</b>	
Bezel Width	2.3mm/1.2mm
<b>Display</b>	
Screen Size	48.5 Inch
Max. Resolution	1920 x 1080 @ 60Hz
Pixel Pitch	0.55926 x 0.55926mm
Brightness	700cd/m <sup>2</sup>
Contrast Ratio	1300 : 1
Aspect Ratio	16 : 9
Viewing Angle	178° / 178°
Display Color	1.07 Billion
Response Time	< 8ms (Gray to Gray)
Video System	NTSC / PAL
<b>Interface</b>	
Display Port In / Out	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
<b>Transmitter</b>	
IR Remote Control	Yes
<b>Features</b>	
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
<b>Outline Dimension</b>	
Dimension (W x H x D)	42.42" x 22.93" x 3.43"
Net. Weight	24.0Kg (52.91 lbs)
<b>Warranty</b>	
Part / Labor	3year / 3year
<b>Circumstance</b>	
Operating Temperature	0° ~ 40° C / 32° ~ 104° F
<b>Power</b>	
Electrical Ratings	AC 100 ~ 240V (50/60Hz)
Power Consumption	< 220W
<b>Mount</b>	
VESA™ Mount Size	600 x 400mm
Video Wall	WFS, WES, WSD, WSR
Stand Alone	WB-4663

## MOUNTS



## SOFTWARE

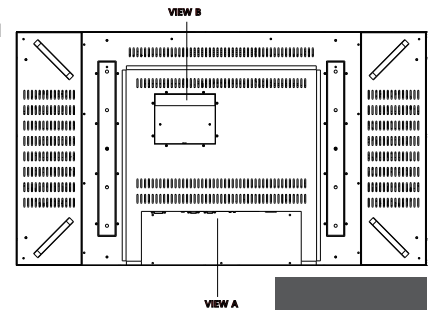
### Video Wall Control S/W R4K Commander features:

- » 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)

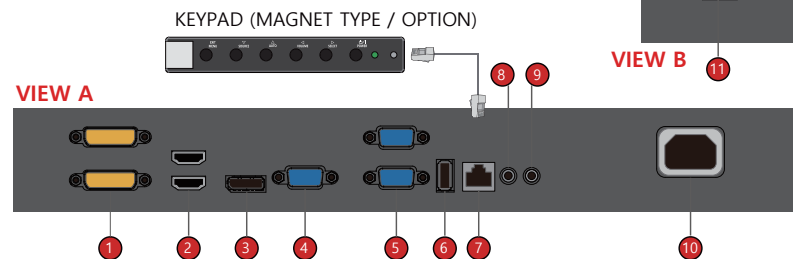
## HARDWARE

### 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



- 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

\*Design and specifications are subject to change without notice