






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 R4K46UNF



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. Video Walls up to 15 x 15 are available.

| | | | | | | | | |
|---------------------------------------|-------------------------------|---|------------------------------------|---|--|--|---|---|
| 2.3mm 1.2mm Bezel Width | 4K Input Resolution | 500 cd/m² Max Brightness | HDMI HDMI Input / Output |  RS-232 Input |  DVI Input / Output |  VGA Input |  Display Port |  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.

ULTRA NARROW BEZEL



R4K46UNF: 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



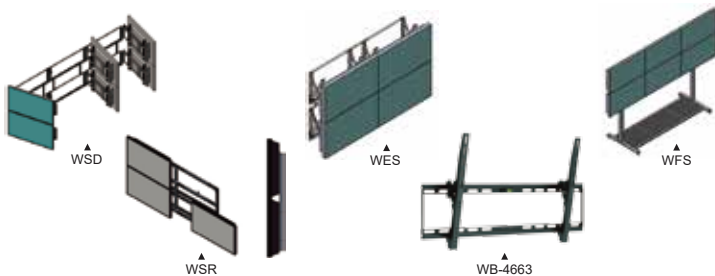
A wide variety of standard mounts and build to order customs are available.

Multiviewer systems for any application

SPECIFICATIONS

| R4K46UNF | |
|--------------------------------------|----------------------------------|
| Bezel Width | |
| Bezel Width | 2.3mm/1.2mm |
| Display | |
| Screen Size | 46 Inch |
| Max. Resolution | 1920 x 1080 @ 60Hz |
| Pixel Pitch | 0.530 x 0.530mm |
| Brightness | 500cd/m ² |
| Contrast Ratio | 3500 : 1 |
| Aspect Ratio | 16 : 9 |
| Viewing Angle | 178° / 178° |
| Display Color | 16.7 Million (8bit) |
| Response Time | < 8ms (Gray to Gray) |
| Video System | NTSC / PAL |
| Interface | |
| Display Port | 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 (RCA Type) | 1 |
| Audio | |
| Built In Speaker | 10W x 2 |
| Transmitter | |
| IR Remote Control | Yes |
| Features | |
| Multi Display Function | PBP / PIP / QUAD |
| Temperature Sensor | Yes (Option) |
| De-Interlace | Yes |
| Noise Reduction | Yes |
| One Image Up to 15 x 15 | 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) | 40.24" x 22.70" x 3.73" |
| Net. Weight | 29.9Kg (66.0 lbs) |
| Warranty | |
| Part / Labor | 3year / 3year |
| Circumstance | |
| Operating Temperature | 0° ~ 40° C / 32° ~ 104° F |
| Power | |
| Electrical Ratings | AC 100 ~ 240V (50/60Hz) |
| Power Consumption | < 121W |
| Mount | |
| 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:

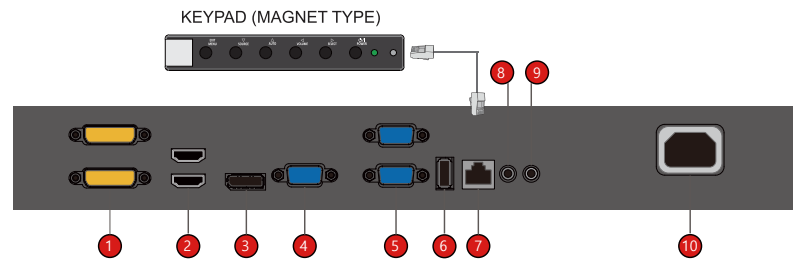
- » Extremely easy to use
- » Control each display Separately or All at once
- » Select 1 or multiple monitor viewing configurations
- » Multi Vision options: example - 5x5 (boarder) from DVI and 3x3 (in the center)
- » Schedule a sequence of multiple display content configurations
- » File Management – 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
- » Configure up to a 15 x 15
- » Video Wall Processor built in
- » Remote Display Management
- » Landscape and Portrait
- » HDMI In / Out
- » DVI-D In / Out
- » Display Port Input
- » 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

**Design and specifications are subject to change without notice*