

4K VIDEO WALL SOLUTIONS

ORION Images R4N (FHD) Video Wall series has Immediate Benefits for Security Room, Retail, Shopping Mall, Corporation, Broadcast, Transportation, Government, Health Care, Casino and more

LED R4N55RHF



The R4N (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.

0.44mm 0.44mm Bezel Width	4K Input Resolution	700 cd/m² Max Brightness	 Mobile App	HDMI HDMI Input 3ea	 DP Input / Output	 DVI Input	 VGA Input	 RS-232 Input/Output
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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 R4N 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.

RAZOR NARROW BEZEL

RNF/RHF : Top & Left Side Bezel is 0.44mm,
Bottom & Right Side Bezel is 0.44mm

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

Realizing 4K resolution with Daisy chain configuration

Daisy chain connection with DP source Full HD video wall monitors can accept 4K input source with DP port and display 4K UHD through Daisy chain connection.

4K UHD
3840x2160p

DP Daisy Chain

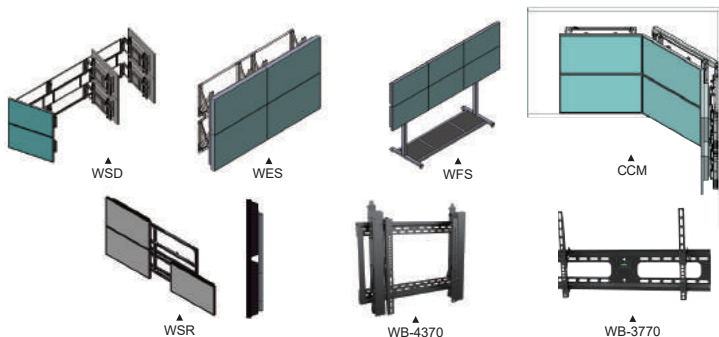
INPUT PORT

SPECIFICATIONS

R4N55RHF	
Bezel Width	
Bezel Width	0.44mm/0.44mm
Display	
Screen Size	55 Inch
Max. Resolution	1920 x 1080 @ 60Hz
Pixel Pitch	0.630 x 0.630mm
Brightness	700cd/m ²
Contrast Ratio	1100 : 1
Aspect Ratio	16 : 9
Viewing Angle	178° / 178°
Display Color	1.07 Billion (10bit)
Response Time	< 8ms (Gray to Gray)
Video System	NTSC / PAL
Interface	
Display Port In/ Out	1 / 1
HDMI Input	3
DVI In	1
VGA In	1
RS232 In / Out	1 / 1
Audio Out (3.5 Ø stereo)	1
Features	
Multi Display Function	PIP/PBP/TRI/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
RS-232C Control	Monitor OSD control using PC
Outline Dimension	
Dimension (W x H x D)	1210.51 x 681.22 x 91.6 mm (47.66" x 26.82" x 3.606")
Net. Weight	24 KG (53 lbs)
Circumastance	
Operating Temperature	0° ~ 40° C / 32° ~ 104° F
Power	
Electrical Ratings	AC 100 ~ 240V (50/60Hz)
Power Consumption	< 242W
Mount	
VESA™ Mount Size	600 x 400mm
Video Wall	WFS, WES, WSD, WSR, CCM
Stand Alone	WB-3770, WB-4370

* Specifications and design are subject to change without notice.

MOUNTS

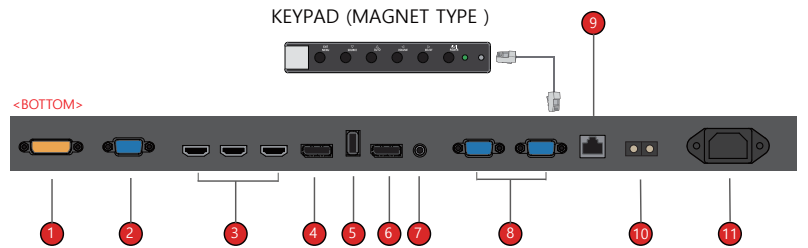


HARDWARE

Hardware features:

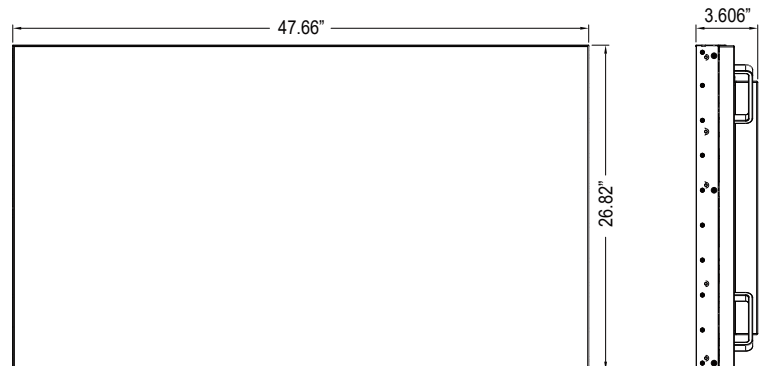
- ▶ Spread 1 image across multiple monitors using 1 video source
- ▶ Video Wall Processor built in
- ▶ Remote Display Management (IR Remote or Mobile WIFI)
- ▶ Display Port 1 In / 1 Out
- ▶ HDMI 3 In / VGA In / DVI In
- ▶ RS-232C In / Out for pc / server control
- ▶ Control panel Lock (panel or IR)
- ▶ All metal chassis
- ▶ Auto power recovery
- ▶ Auto pixel shift
- ▶ PIP/PBP/TRI/ QUAD Displays
- ▶ VESA standard hole patterns

INTERFACE



- <BOTTOM>
- 1 DVI : DVI signal Input
 - 2 VGA : VGA signal Input
 - 3 HDMI1~3 : HDMI1~3 Input
 - 4 DP : DP signal Input
 - 5 USB : FW Update Input
 - 6 DP : DP signal Output
 - 7 Audio : Audio Line Output
 - 8 RS-232 : RS-232 Control Input / Output
 - 9 Keypad : UTP cable Input for Keypad
 - 10 Rotary Switch : Setting Set ID
 - 11 AC Power : AC Power Input

DIMENSION



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