

# VIDEO WALL SOLUTIONS

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

**LED**

# RNK55UNF



ORION Images is leading the market as being an expert in control room solutions for broadcasting, telecommunications, public utilities, process control, traffic control, surveillance and command & control applications. Our LCD video wall solutions are ideal for Emergency Operations Centers, traffic and surveillance centers, and utilities and process control rooms. The RNK series is the perfect solution for displaying 1 image across multiple monitors using 1 video source up to a 10 x 10 configuration.

**2.2mm  
1.3mm**  
Bezel Width

**1080p**  
Full HD

**HDMI**  
HDMI Input

**RS-232**  
RS-232 Input

**DVI**  
DVI Input

**VGA**  
VGA Input

**BNC**  
BNC Input

**PIP / PBP**

## 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 RNK 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.

### 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

**ULTRA NARROW BEZEL**

3.5mm

3.5mm

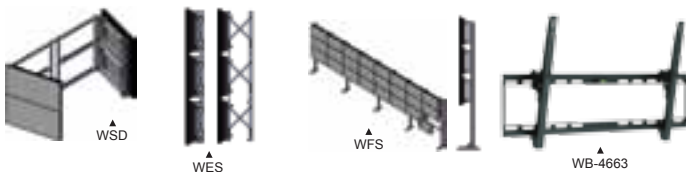
RNK55UNF: Top & Left Side Bezel is 2.2mm, Bottom & Right Side Bezel is 1.3mm

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

### SPECIFICATIONS

RNK55UNF	
<b>Bezel Width</b>	
Top / Bottom / Left / Right	2.2mm / 1.3mm / 2.2mm / 1.3mm
<b>Display</b>	
Screen Size	54.6 Inch
Max. Resolution	1920 x 1080 @ 60Hz
Pixel Pitch	0.630 x 0.630mm
Brightness	700cd/m <sup>2</sup>
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
<b>Interface</b>	
Video In / Out (BNC Type)	2 / 2
HDMI In / Out	1 / 1
VGA In / Out (15Pin D-Sub)	1 / 1
DVI-D In / Out	1 / 1
RS232 In / Out	1 / 1
PC Stereo In	1
Audio In (RCA Type)	2 (L + R)
Speaker Out	1
<b>Audio</b>	
Built In Speaker	10W x 2
<b>Transmitter</b>	
IR Remote Control	Yes
<b>Features</b>	
Multi Display Function	PBP / PIP
Temperature Sensor	Yes
Filter Type	3D Comb Filter
De-Interlace	Yes
Noise Reduction	Yes
One Image Up to 10 x 10	Yes
Auto Fan Control System	Yes
Auto Pixel Shift	Yes
Trigger Source Switching	Yes
Auto Source Switching	Yes
Edge Setting (Horizontal / Vertical)	Yes
Advance Auto Power Recovery	Yes
Multi Language	English, Spanish, French, German, Italian
RS-232C Control	Monitor OSD control using PC
<b>Outline Dimension</b>	
Dimension (W x H x D)	47.78" x 26.94" x 5.08"
Net. Weight	36.74Kg (81.0 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	< 242W
<b>Mount</b>	
VESA™ Mount Size	600 x 400mm
Video Wall	WFS, WES, WSD
Stand Alone	WB-4663

### MOUNTS



### SOFTWARE

#### Video Wall Control Management S/W features:

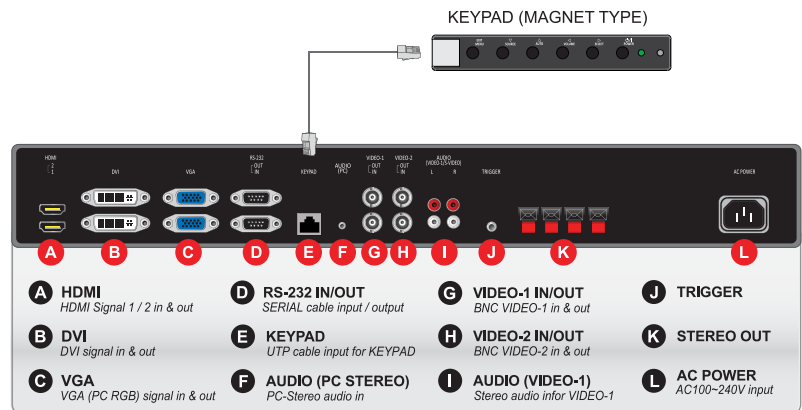
- » Extremely easy to use
- » Control each display Separately or All at once
- » Select 1 or multiple monitor viewing configurations
- » Multi Vision options: example - 5x5 (boarder) from DVI and 3x3 (in the center)
- » Schedule a sequence of multiple display content configurations
- » File Management – 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 20 x 20
- » Video Wall Processor built in
- » Remote Display Management
- » Landscape and Portrait
- » HDMI In / Out
- » DVI-D In / Out
- » VGA In / Out
- » 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 – Dual signal In
- » VESA standard hole patterns

### INTERFACE



\*Design and specifications are subject to change without notice