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
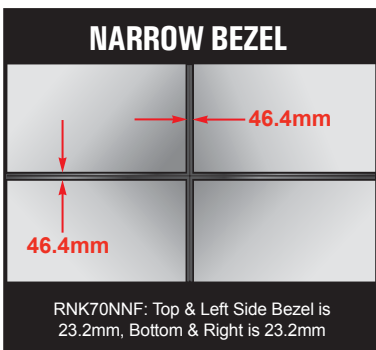
LED
RNK70NNF

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 20 x 20 configuration.

1080p Full HD	**HDMI** HDMI Input	RS-232 Input	DVI Input	VGA Input	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.

NARROW BEZEL

46.4mm

46.4mm

RNK70NNF: Top & Left Side Bezel is 23.2mm, Bottom & Right is 23.2mm

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

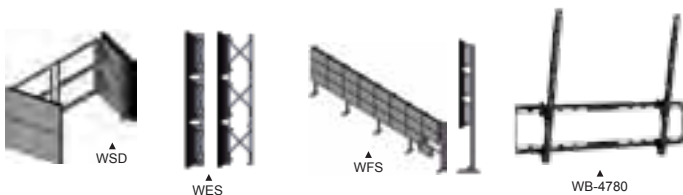### COMPLETE VIDEO WALL SOLUTIONS / Customize Mount and Multiviewer System

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

Multiviewer systems for any application

SPECIFICATIONS

RNK70NNF	
Bezel Width	
Top / Bottom / Left / Right	23.2mm / 23.2mm / 23.2mm / 23.2mm
Display	
Screen Size	70 Inch
Max. Resolution	1920 x 1080 @ 60Hz
Pixel Pitch	0.807 x 0.807mm
Brightness	400cd/m^2
Contrast Ratio	4000 : 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	
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
Audio	
Built In Speaker	10W x 2
Transmitter	
IR Remote Control	Yes
Features	
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
Outline Dimension	
Dimension (W x H x D)	63.09" x 36.39" x 4.21"
Net. Weight	65.5Kg (144.4 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	< 320W
Mount	
VESA™ Mount Size	800 x 600mm
Video Wall	WFS, WES, WSD
Stand Alone	WB-4780

MOUNTS

WSD
WES
WFS
WB-4780

SOFTWARE

Video Wall Control Management S/W features:
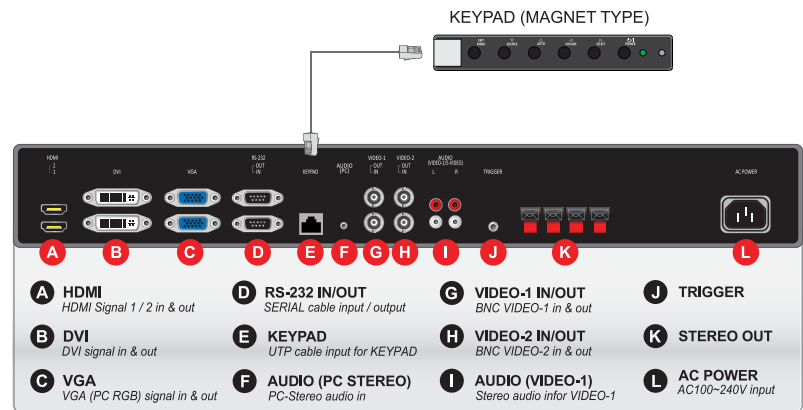
- Extremely easy to use
- Control each display Separately or All at once
- Select 1 or multiple monitor viewing configurations
- Multi Vision options: example - 5x5 (boarder) from DVI and 3x3 (in the center)
- Schedule a sequence of multiple display content configurations
- File Management – Save and 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

KEYPAD (MAGNET TYPE)

A	HDMI HDMI Signal 1 / 2 in & out	D	RS-232 IN/OUT SERIAL cable input / output	G	VIDEO-1 IN/OUT BNC VIDEO-1 in & out	J	TRIGGER
B	DVI DVI signal in & out	E	KEYPAD UTP cable input for KEYPAD	H	VIDEO-2 IN/OUT BNC VIDEO-2 in & out	K	STEREO OUT
C	VGA VGA (PC RGB) signal in & out	F	AUDIO (PC STEREO) PC-Stereo audio in	I	AUDIO (VIDEO-1) Stereo audio infor VIDEO-1	L	AC POWER AC100~240V input

Design and specifications are subject to change without notice