ORION | OIC ORION IMAGES CORPORATION

SPECIALIZING IN MONITOR & VIDEO PROCESSING

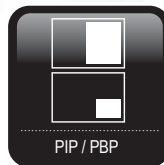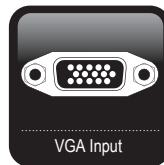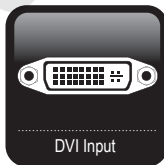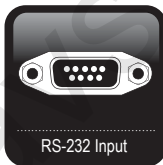# SUNLIGHT READABLE
VIDEO WALLS

ORION Images Sunlight readable LCD monitors offer enhanced ultra-high brightness LCD color display for high ambient light applications. These Transflective enhanced anti-glare displays are readable under all lighting conditions including direct or indirect sunlight - the stronger the ambient light the brighter the image.

SUNLIGHT READABLE

RNK46NSF

NEW

Transflective LCD modules hold both transmissive and reflective properties; the method of image display depends upon the conditions of the ambient environment. The display uses a backlight with a transmissive property in dark environments, and uses external light with a reflective property in bright environments. The advantage of Transflective technology is that there is no extra heat generation lower power consumption, contrast and brightness is naturally brighter to help preserve the life of the back light..

| Transflective	1080p Full HD	HDMI Input	RS-232 Input	DVI Input	VGA Input	BNC Input	PIP / PBP

Sunlight Readable Video Walls for Retail, Digital Signage, Sport Complex & has immediate benefits for:

In addition, this solution can also be used for retail AV and Digital Signage applications such as shopping malls, airports, sport complex, transportation, and more. Whether small display or extra large video walls, the tiled sunlight readable RNK series makes statement. Indoor or outdoor public display signage receives 10 times the eye contact of static signage and is creating cost-effective opportunities to improve customer service, safety, branding, training, and communications.

Unlike plasma technology, LCD sunlight readable 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, sunlight readable video walls offer more flexibility, scalability and the possibility for a higher resolution.

NARROW BEZEL

31mm

31mm
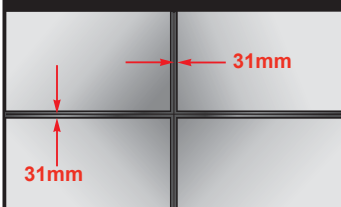
RNK46NSF sunlight readable video wall's bezel width is 23.0mm bezel to bezel of the monitor.

» Retail
» Train Station
» Airport
» Digital Signage
» Sport Complex
» Shopping Mall

APPLICATION OF SUNLIGHT READABLE VIDEO WALLS

Airport	Retail Store	Sport Complex	Bus, Railway Station

» Readable under all lighting conditions, including direct sunlight
» Power saving and backlight life preserving in outdoor applications
» No extra heat generation even when viewed at higher brightness
» Minimizes Internal and Surface Reflections
» Enhanced contrast ratio for both indoor and outdoor conditions
» Low Power Usage, Low Heat Emission

For design help, accessories or pricing, please contact:
sales@avsupply or call: 1-858-565-1101

RNK46NSF

SUNLIGHT READABLE VIDEO WALLS

SPECIFICATIONS

RNK46NSF	
Bezel Width	
Bezel to Bezel	23.0mm
Display	
Screen Size	46 Inch
Max. Resolution	1920 x 1080 @ 60Hz
Pixel Pitch	0.530 x 0.530mm
Brightness (Indoor)	1000cd/m²
Brightness (Outdoor at 80K Lux)	1500cd/m²
Contrast Ratio	3000 : 1
Aspect Ratio	16 : 9
Viewing Angle	176° / 176°
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)	3 (L + R)
Audio	
Built In Speaker	7.5W x 2
Transmitter	
IR Remote Control	Yes
Features	
Multi Display Function	PBP / PIP
Transflective Technology	Yes
Temperature Sensor	Option
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, Korean, Japanese
RS-232C Control	Monitor OSD control using PC
Outline Dimension	
Dimension (W x H x D)	42.7" x 24.8" x 5.2"
Net. Weight	32.2Kg (71.0 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	< 260W
Mount	
VESA™ Mount Size	600 x 400mm
Video Wall	WFS, WES, WSD
Stand Alone	WB-4663
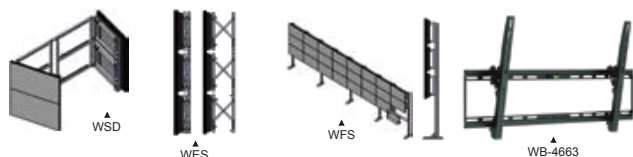
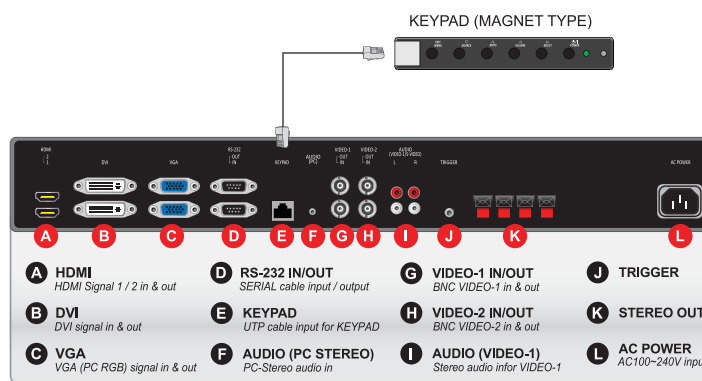## SOFTWARE

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 10 x 10
» 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*

MOUNTS

WSD

WES

WFS

WB-4663

Design and specifications are subject to change without notice

ORION | **OIC** ORION IMAGES CORPORATION

7300 Bolsa Avenue, Westminster, CA 92683
Tel. 714.766.6300 / Fax. 714.766.6310 / sales@orionimages.com / www.orionimages.com

GSA Contract No. GS-03F-0152X

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