VISION SERIES
ADVANCED LED PANELS
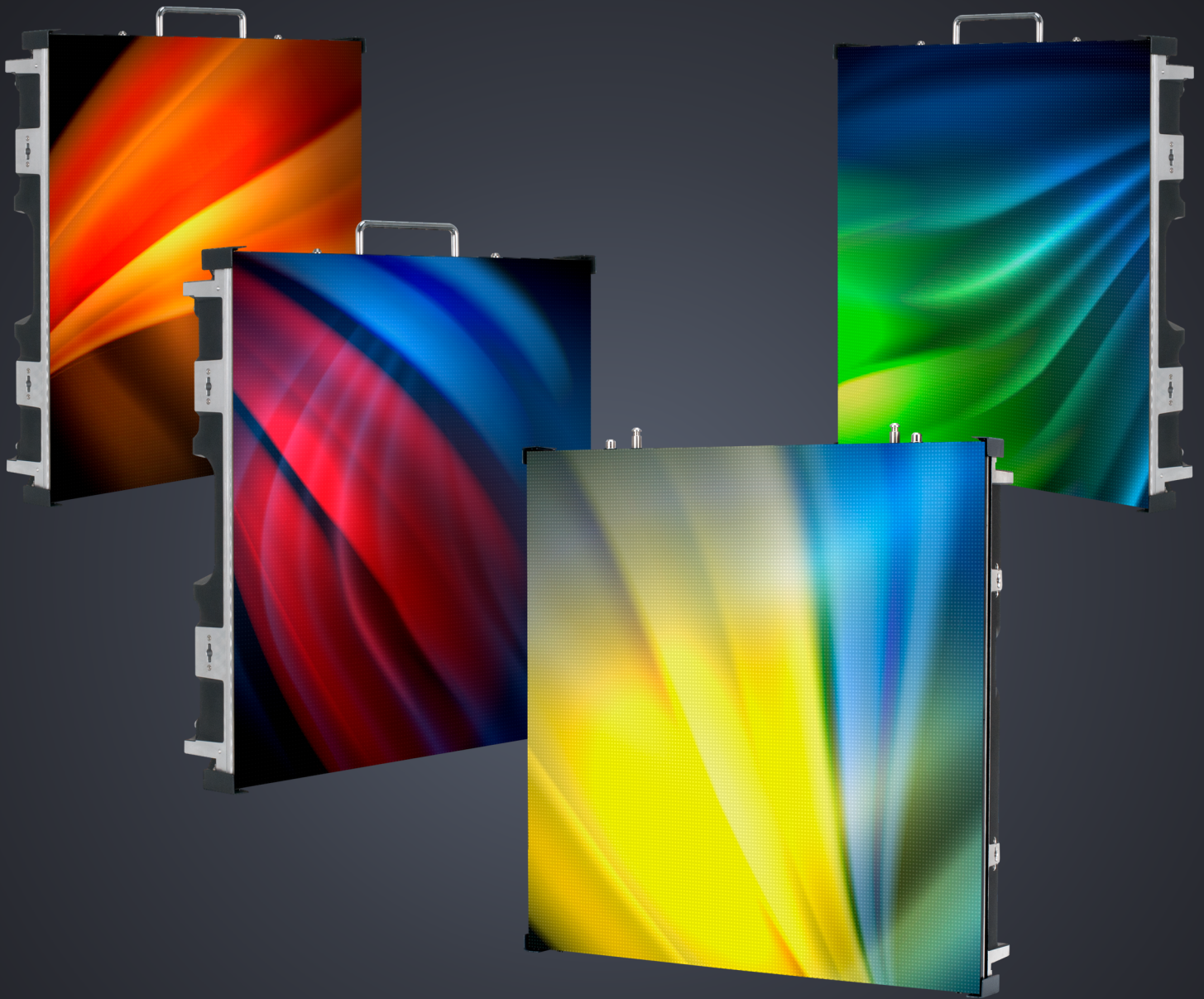
VISION SERIES

A VERSATILE MODULAR SOLUTION THAT HAS BEEN DEVELOPED TO MAKE LIFE EASIER FOR VIDEO PROFESSIONALS INSTALLING LED WALLS ON EITHER A TEMPORARY OR PERMANENT BASIS

MAIN FEATURES

FRONT/REAR SERVICEABLE*

EASY TO SERVICE MODULES WHEN WALL MOUNTED OR DURING TEMPORARY HANGS

*VS2, VS3 & VS5 ONLY

3840Hz

HIGH REFRESH RATE

HELPS REDUCE MOTION BLUR FOR CRISPER CONTENT DURING LIVE BROADCASTS
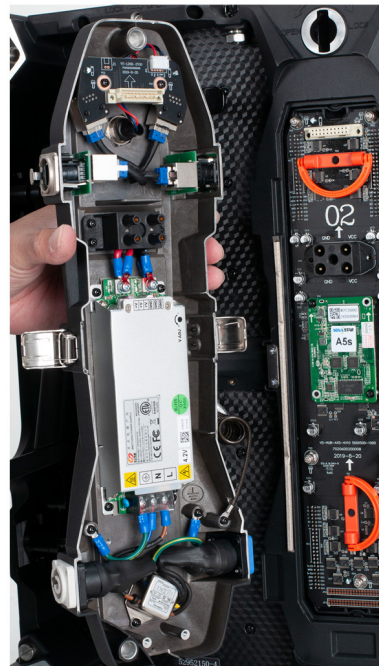
TOP/BOTTOM MAGNETS*

TEMPORARILY ATTACHES PANELS TOGETHER ALLOWING FOR A SINGLE USER TO INSTALL

*VS2, VS3 & VS5 ONLY

BUILT-IN RECEIVING CARD

EACH PANEL HAS A NOVASTAR A5S RECEIVING CARD BUILT-IN

CORNER PROTECTORS

PROTECTS THE PANEL CORNERS DURING SET-UP, STRIKING & TRANSPORTATION

QUICK LATCH

REAR LATCH QUICKLY ATTACHES PANELS SECURELY TOGETHER

VISION SERIES

The Vision Series video panels offer the highest quality LED binning and bright, clear output. All models are front and rear serviceable. Each model has 4 individual mini modules for quick and easy servicing. All models are built on the same frame allowing panels with different resolutions to be used together. The Vision Series panels use the same rigging bar and all fit into the same road case. All models have moveable corner protects that safe guard the corners while they are not connected. There are magnets on the top and bottom of the panels that allow users to temporary connect two panels together, let go of the panels, then securely latch them on the rear. This allows for a single user to install a full wall of panels.

There are 4 LED modules per panel. This allows for easy serviceability. The panel connections include PowerLock In/Out and DataLock In/Out. Each panel features the Novastar A5s receiving card built-in. Up to 8 VS2, VS3 or VS5 video panels fit inside the VSFC8 flight case, and up to 8 VS3IP panesl fit in the VS3IPFC8 flight case. Hang up to 20 VS Series Video Panels vertically with the VSRB1 rigging bar.

ADJ offers full packages with video processors, software, cabling, rigging bars and flight cases so that you have everything you need to get up and running.

FEATURES:
- Corner Protectors to protect the corners of the panels during transport, set-up and teardown (all models)
- Front and rear serviceable: 4 easy to replace video modules on each panel (VS2, VS3 and VS5 only)
- Magnets on top/bottom to temporarily connect panels before latching together allowing a single user to install an entire wall (VS2, VS3 and VS5 only)

MECHANICAL RATINGS:
- Surface Flatness: Gaps<0.5mm

OPTICAL RATINGS:
- Brightness: 4500 NITS (VS3IP); 1000 NITS (VS2, VS3, VS5)
- View Angle: Horizontal 160°/Vertical 140° @ 9.75 ft. (3m)
- Gray Scale: ≥14-bit
- Display Color: 256
- Brightness Adjustment: 0~100% 100 Levels
- Contrast ratio: 5000:1
- Processing: 14-bit

POWER SUPPLY:
- Operation Power: 100~240V 50-60Hz
- Max. Power Consumption per panel: 210W (VS3IP); 170W (VS2, VS3, VS5)
- Ave. Power Consumption per panel: 68W (VS3IP); 170W (VS2, VS3, VS5)
- Connections Power/Data: PowerLock In/Out; DataLock In/Out

CONTROL SYSTEM:
- Control Mode: Nova Star Synchronous System with Control via DVI
- Frame Update Frequency: 50-75Hz
- Scan Mode: 1/21
- Refresh Rate: 3840Hz
- Support Input: Composite, S-Video, Component, VGA, DVI, HDMI, HD_SDI
- Control Distance: Ethernet Cable <120m or Fiber Optic>120m
- Support VGA Mode: 1024 x 768, 1280 x 1024, 1600 x 1200, 1920 x 1280
- Brightness Correction: Pixel, Module, Cabinet

ENVIRONMENTAL:
- Operating Temp / Humidity: Fahrenheit: -4° + 104° / Celsius: -20° + 40°/ 10-90% (No Condensation)
- Operating Life / MTBF: 50,000 Hours / 5,000 Hours
- Protection Level: IP20 (Front and Back)
- Out of Control Rate: <0.02%
- Listings: cETLus Approved (Control #5015975), CE Approved, FCC Approved

CABLES:
- Cabinet to Cabinet Data Link Cables (Ethernet Locking Connectors)
- Power Locking Link Cables
- Power Locking Main Power Cables
- IP65-Rated Power Locking Link Cables
- IP65-Rated Power Locking Main Power Cables

VIDEO PROCESSORS & SOFTWARE:
- Novastar MCTRL-300 (MCT300): Video Processor
- Novastar MCTRL4K (MCT999): Video Processor
- Novastar Nova Pro HD (NOV001): Video Processor
- Novastar Novapro UDH JR (NOV123): Video Processor
- Novastar VX4S-N (VX4014): Video Processor
- Novastar VX600 (VX6033): Video Processor
- Arkaos Media Master Pro (MED673): Video Software
- Arkaos GrandVJ XT (GRA350): Video Software
- Arkaos GrandVJ 2.0 (GRA218): Video Software

VS3IP (VS3384)

- Pixel Pitch: 3.84mm (0.15")
- LED Configuration: 3-in-1 SMD1921 LED
- Pixel Density: 150x150; 67816 per square meter
- Brightness: 4500 NITS
- Refresh Rate: 3840Hz
- IP65-Rated front / IP54-Rated back
  (Temporary outdoor use)
- IP65-Rated rubber capped protective connections
- Curve panels in convex or concave -6, -3 degrees or
  0, +3, +6 degrees
- Size :22.7" x 22.7" x 3" / 576 x 576 x 75mm
- Module Quantity: 4
- Weight: 19.84 lbs. / 9kg.
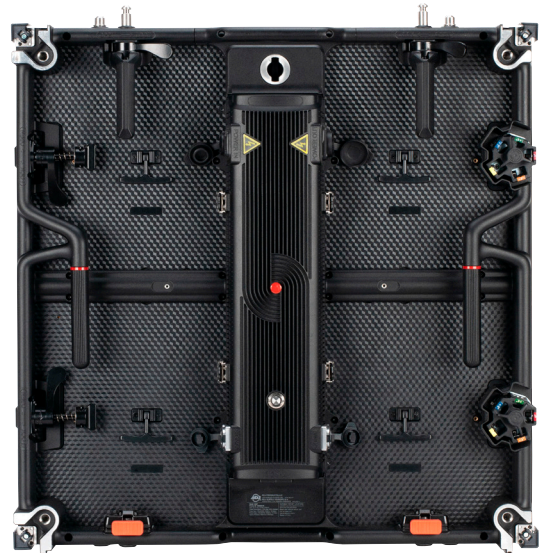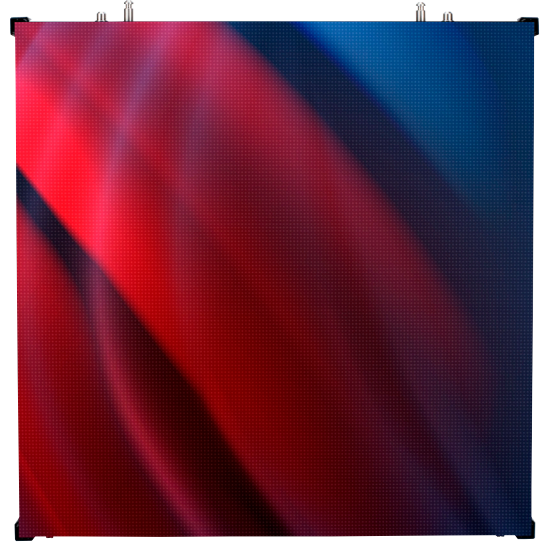
IP65-Rated rubber capped
protective connections

Curve panels in convex or
concave -6, -3 degrees or
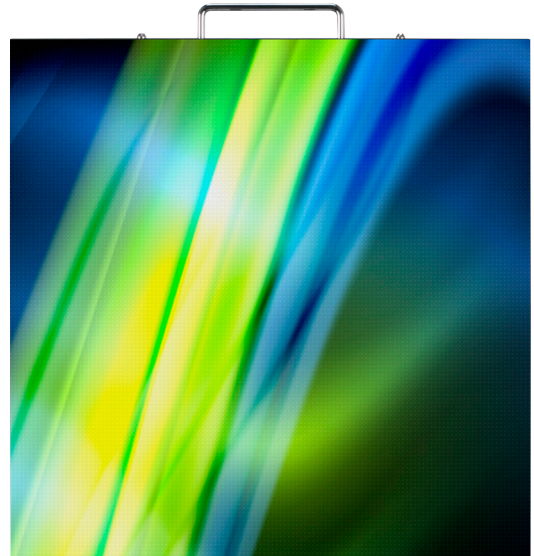0, +3, +6 degrees

VS2 (VS2001)

- Pixel Pitch: 2.97mm (0.12")
- LED Configuration: 3-in-1 SMD2121 LED
- Pixel Density: 168x168; 112896 per square meter
- Brightness: 1000 NITS
- Refresh Rate: 3840Hz
- Size :19.68" x 19.68" x 2.74" / 500 x 500 x 69.6mm
- Module Quantity: 4
- Weight: 17 lbs. / 7.7kg.

VS3 (VS3015)

- Pixel Pitch: 3.91mm (0.15")
- LED Configuration: 3-in-1 SMD2121 LED
- Pixel Density: 128x128; 65536 per square meter
- Brightness: 1000 NITS
- Refresh Rate: 3840Hz
- Size :19.68" x 19.68" x 2.74" / 500 x 500 x 69.6mm
- Module Quantity: 4
- Weight: 17 lbs. / 7.7kg.

VS5 (VS5029)

- Pixel Pitch: 5.95mm (0.23")
- LED Configuration: 3-in-1 SMD2121 LED
- Pixel Density: 84x84; 28224 per square meter
- Brightness: 1000 NITS
- Refresh Rate: 3840Hz
- Size :19.68" x 19.68" x 2.74" / 500 x 500 x 69.6mm
- Module Quantity: 4
- Weight: 17 lbs. / 7.7kg.
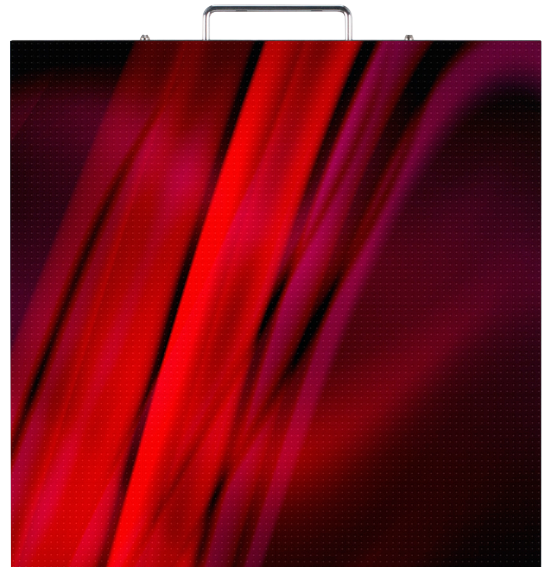
VSRBI (VS1100)

Rigging bar to hang or ground stack up to 20 VS2, VS3 or VS5 LED Panels

VS3IPRBI (VS3111)

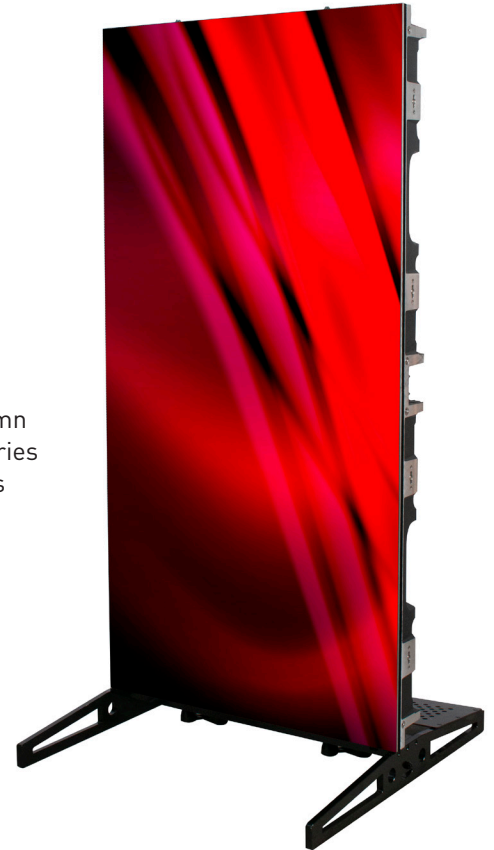Rigging bar to hang or ground stack up to 20 VS3IP LED Panels

VSSCSB*

Free standing, single column support base for Vision Series LED video panels. 3 Panels maximum build height.
*VS2, VS3 and VS5 only.

(VSS225)

VSMRT* (VSM111)

Magnetic module removal tool for Vision Series video panels. Includes hard shell carry case.
*VS2, VS3 and VS5 only.

VSFC8 (VS8100)

Flight Case for up to 8 VS2, VS3 and VS5 LED video panels.

(VS3134) VS3IPFC8

Flight Case for up to 8 VS3IP LED video panels.

VSRQR (VSR210)

Rear Quick Rig assembly, including clamp, for ADJ Vision Series LED video panels. For use with up to 2-inch pipe.

VISION SERIES GROUND STACK SYSTEM

*VS2, VS3 and VS5 only   **VS3IP only   ***All models

VSGSB***

Ground Support Base for all Vision Series LED Video Panels.
(VSG100)

VSIRSB*

Rear support bracket for VS2, VS3 and VS5 LED Video Panels.
(VS1126)

VSGSCSB* (VSG155)

Clamp Support Bar for VS2, VS3 and VS5 LED Video Panels.

VSGSLT*** (VSG132)

Ground Support Ladder Truss for all Vision Series LED Video Panels.

VS3IPGSCSB** (VSG168)

Clamp Support Bar for VS3IP LED Video Panels.

VS3IPRSB**

Rear support bracket for VS3IP LED Video Panels.
(VS3149)

VISION
SERIES

BECKY JOHNSON ——— SUNDAY MESSAGE

The Waiting Room