

F5 IP



FEATURES

- 5.9 mm pitch high resolution outdoor video panel works with the VIP Drive 43Nova, using the Novastar control protocol
- High quality black body LEDs accurately reproduce video at 14-bit grayscale, operating on the A5s receiver card from Novastar
- High performance digital LED drivers deliver 1920 Hz refresh rate and a clear, vibrant image
- Intelligent, high speed magnetic LED modules with dedicated memory stores factory calibration, ensuring optimal image quality, color uniformity, and simplifies maintenance by making service fast and easy
- 1,000 x 500 x 82.5 mm, 30 lb (13.6 kg) magnesium die-cast housing (500 x 500 mm available) makes this product among the lightest and slimmest in its class without compromising strength, capable of hanging up to 23 panels vertically safely
- Specialized frame design allows for overhead hanging, ground stacking, and wall mounting maximizing installation flexibility and aftermarket front and rear service; simply push out modules from the rear using the handles, or use the included service tool from the front

- Front LED surface protective design features prevent damage when handling: 4x stainless steel standing feet to keep the LEDs from touching the floor, specialized LED board design to improve impact resistance up to 3x that of other panels, and resilient led mask design to optimize image viewing angle and uniformity without exposing the LEDs to front or side impacts
- Strong, magnetic assisted hanging makes setting up the panels fast and easy with a minimal crew
- Optimized heat dissipation ensures an even color across the F5IP
- Dual power supplies increase the stability of the system
- Cable management solutions include angled connectors on panels for easy operation, long cables which can connector horizontally or vertically, and handles on the bottoms of each panel to organize cables and keep them neat
- Rig bars, ground support system, and concave curving hardware available upon request
- IP Rating: IP65, temporary outdoor/wet use

SPECIFICATIONS

OPTICAL

- Light Source: 14,112 LEDs (tri-color RGB) SMD 2727, 50,000 hours life expectancy
- Color Wavelength: red (615 to 630 nm), green (515 to 535 nm), blue (460 to 475 nm)
- Viewing Angle (H/V): 160°/155°
- Calibrated Illuminance: 5,000 NITS
- Maximum Illuminance: 6,000 NITS
- Contrast Ratio: 12,000:1
- Grayscale : 14-bit
- Receiver Card : A5s
- Drive Type : 1/7
- Pixels: 84 x 168
- Pixel Pitch: 5.9 mm
- Minimum Viewing Distance: 20 ft (6 m)
- Pixel Density: 28,224/m²
- Display Refresh Rate: 1,920 Hz

CONSTRUCTION/PHYSICAL

- Dimensions: 19.69 x 3.25 x 39.37 in (500 x 82.5 x 1000 mm)
- Weight: 30 lb (13.6 kg)
- Exterior Color: Black
- Housing Material: Magnesium die-cast
- Maximum vertical hang: 23 panels
- Maximum horizontal hang: 17 panels
- Transparency: 0%

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CONNECTIONS

- Power Connection: Seetronic etherKON®
- Power Input: Seetronic Powerkon IP65
- Power Output: Seetronic Powerkon IP65
- Data Connectors: Neutrik® etherCON®
- Cable Length (signal extension): 4 ft (1.2 m)
- Cable Length (power): 6 ft (1.8 m)
- Cable Length (power extension): 4 ft (1.2 m)

CONTROL

- Control Protocol: Novastar
- Maximum Panels/VIP Drive 43Nova2: 46/port, 184/Drive (4 ports)
- Video Input (compatible): 60 Hz

ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 6 units @ 120 V; 11 units @ 208 V; 12 units @ 230 V
- Power and Current: 339 W, 2.82 A @ 120 V, 60 Hz
- Power and Current: 329 W, 1.58 A @ 208 V, 60 Hz
- Power and Current: 345 W, 1.50 A @ 230 V, 50 Hz

CERTIFICATIONS/QUALIFICATIONS

- CE, MET
- IP Rating: IP65, temporary outdoor/wet use
- Temperature (Ambient): -4 °F to 140 °F (-20 °C to 60 °C)

WHAT'S INCLUDED

- 4 F5 IP
- 1 Seetronic® powerKON® power cord
- 4 Seetronic® powerKON® power linking cords
- 4 Seetronic® etherKON® signal linking cords
- Front service tool
- 5 pcs spare LED masks

OPTIONAL ACCESSORIES

- ArKaos Media Master Express + KN software
- Neutrik powerCON cables
- Neutrik etherCON cables
- DRBF100CM
- DRBF50CM
- DRBCURVEKITX2
- VIDTOURCART
- GROUNDSUPPORT2KIT
- VIDCURVEKIT

REQUIRED ACCESSORIES

- Required Software: Nova LCT Mars
- Controller (required): VIP Drive 43Nova or VIP Drive 43Nova 2
- Accessories (required): VIP Driver
- Compatible Mounting Options: F-series Rig Bar (0.5 m and 1 m)(overhead hanging), M10 Bolt/Clamp (front mounting), M12 Bolt/Clamp (rear mounting)



VIP DRIVE 43NOVA 2

The VIP Drive 43Nova 2 drives 184pcs of the F5IP panels, and accepts HDMI, DVI, and 3G-SDI. You can remotely trigger this via 5-pin XLR DMX ports directly from the lighting console.



DRBF100CM - DRBF50CM

The DRBF100CM and the DRBF50CM are newly designed rig bars that perform dual functions. They may be used to hang the video wall overhead, and also for ground stacking purposes, by adding in the new GROUND SUPPORT 2KIT.



VIDTOURCART

The VIDTOURCART is a Video Touring cart, designed to optimize truck space and setup time. You can pack 10 panels/cart and double stack the carts in a truck.



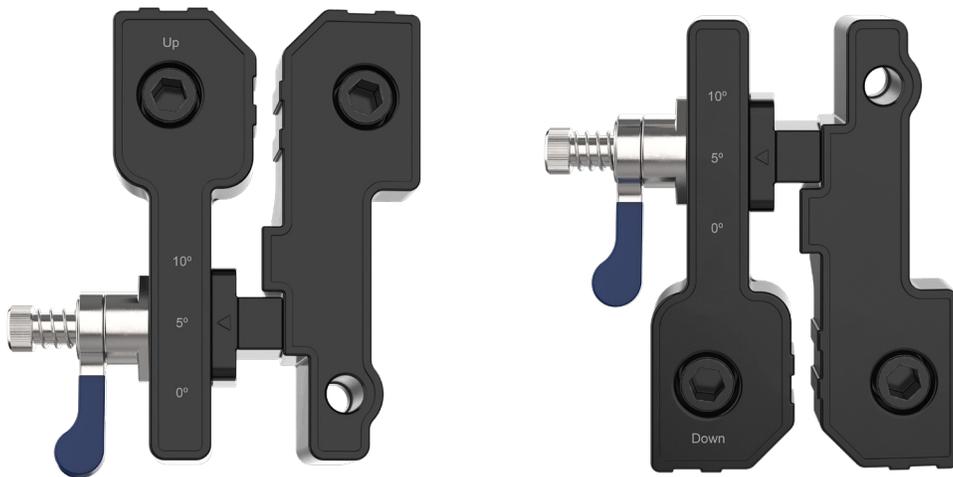
GROUND SUPPORT 2KIT

The GROUND SUPPORT 2KIT is a ground support/stacking system that utilizes the new dual function rig bars to provide a clean, professional setup for your clients. The GROUND SUPPORT 2KIT can support a 2.5 wide x 3m tall section of video panels.



DRBCURVEKIT2

The DRBCURVEKIT2 curves the new dual function rig bars above. Included in the box are 2pcs 5 degree brackets and 2pcs 10 degree brackets which support concave curves.



VIDCURVEKIT

The VIDCURVEKIT curves the F2, F5IP, F4IP in 5 and 10 degree concave angles, and is adjustable.