

F6 Strip IP

FEATURES

- 6.9 mm pitch high resolution outdoor video strip works with the VIP Drive 83R, using the Novastar control protocol
- High quality black body LEDs accurately reproduce video at 15 bit grayscale, operating on a customized receiver card from Novastar
- 5000:1 contrast ratio greatly improves the video performance
- High performance digital LED drivers deliver 5940Hz refresh rate and a clear, vibrant image
- Intelligent, modular LED modules with dedicated memory store factory calibration, ensuring optimal image quality, color uniformity, and simplifies maintenance by making service fast and easy
- 1,000 x 34.5 x 68.2 mm, 4.85 lb (2.2 kg) aluminum extrusion and die-cast housing makes this product among the lightest and slimmest in its class without compromising strength
- Specialized design supports hardware for end-to-end linking/hanging and 180° angling capabilities
- Pixel pitch is maintained for 0° end-to-end linking, as well as mounting next to each other, even when the filters are installed
- Design features to prevent damage to the LEDs when handling: multiple clear, front standoffs keep the LEDs from getting damaged from impacts, and includes specialized LED board design to improve impact resistance up to 3x that of other products, and resilient led mask design to optimize image viewing angle and uniformity without exposing the LEDs to front or side impacts
- Flexible mounting options include 2pcs adjustable 13mm mounting brackets on either side, as well as 1pc M12 threaded insert in the center
- Optimized heat dissipation (convection cooled) ensures an even color across the F6 Strip IP
- Compact power supply, designed solely for this product, increases the stability of the system
- 2-in-1 power/data cables offer quick connection, and are IP-rated for indoor and outdoor environments
- PowerKON and etherKON break in, break outs, and 2-in-1 linking cables available
- 2 Diffusion filters included with the F6 Strip IP (square soft white and square black stealth)
- VIP Drive 83R Nova required for operation
- Quick Lock 2-in-1 power/data cables offer quick connection, are IP-rated for indoor and outdoor environments, and are available in direct linking, break in, and break out cables



SPECIFICATIONS

OPTICAL

- Light Source: 720 LEDs (tri-color RGB) SMD 1921, 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: 5500 NITS
- Maximum Illuminance: 5500 NITS
- Contrast Ratio: 5,000: 1
- Pixels: 144 x 5
- Pixel Pitch: 6.9 mm
- Minimum Viewing Distance: 10 ft (3 m)
- Grayscale: 15 bit

- Pixel Density: 20,736/m²
- Display Refresh Rate: 5,940 Hz

CONSTRUCTION / PHYSICAL

- Dimensions: 39.37 x 1.36 x 2.69 x in (1,000 x 34.5 x 68.2 mm)
- Weight: 4.85 lb (2.2 kg)
- Threaded Bolt: M12
- Exterior Color: Black
- Housing Material: Aluminum extrusion and Aluminum die-cast
- Maximum vertical hang: 4 strips
- Transparency: 0%

CONNECTIONS

- Power Connection: Edison (Local) plug to Seetronic TRUE1
- Power Input: Seetronic TRUE1
- Power Output: Seetronic TRUE1
- Data Connectors: Seetronic etherCON SE8FC-L
- Cable Length (power): 5 ft (1.5 m)

CONTROL

- Control Protocol: Novastar
- Maximum Strips/VIP Drive 83R (0° or 90° orientation): 70/port, 560/Drive (8 ports)
- Maximum Strips Wide/VIP Drive 83R (horizontal orientation): 26
- Maximum Strips Tall/VIP Drive 83R (vertical orientation): 7

ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 50 units @ 120 V; 55 units @ 208 V; 60 units @ 230 V
- Power and Current: 32 W, .265 A @ 120 V, 60 Hz
- Power and Current: 52 W, .248 A @ 208 V, 60 Hz
- Power and Current: 53 W, .229 A @ 230 V, 50 Hz
- Power and Current (resting): 3 W, .049 A @ 120 V, 60 Hz
- Power and Current (resting): 2 W, .038 A @ 208 V, 60 Hz
- Power and Current (resting): 2 W, .034 A @ 230 V, 50 Hz

CERTIFICATIONS / QUALIFICATIONS

- Power and Current (resting): 2 W, .034 A @ 230 V, 50 Hz
- IP Rating: IP65, temporary outdoors
- Thermal Dissipation @120V: 109 BTU per hour
- Thermal Dissipation @ 208V: 177 BTU per hour
- Thermal Dissipation @ 230V: 180 per hour
- Operating Temperature: -4 °F to 122 °F (-20 °C to 50 °C)

WHAT'S INCLUDED

- Warranty Card
- QRG
- 1pc square milky filter (for diffused output)
- 1pc black stealth filter (for high contrast applications)

OPTIONAL ACCESSORIES

- ArKaos Media Master Express™ + KN software
- Clamps
- Seetronic TRUE1 cables
- Neutrik etherCON cables
- Fast clamp
- QUICKLOCKIPEXT16IN: 2 IN 1 VIDEO EXTENSION CABLE-16INCH
- QUICKLOCKIPEXT 5FT: 2 IN 1 VIDEO EXTENSION CABLE-5FT
- QUICKLOCKIPEXT 15FT: 2 IN 1 VIDEO EXTENSION CABLE-15FT

- QUICKLOCKIPEXT 25FT: 2 IN 1 VIDEO EXTENSION CABLE-25FT
- QUICKLOCKIPEXT 50FT: 2 IN 1 VIDEO EXTENSION CABLE-50FT
- QUICKLOCKIPEXT OUTCABLE: 2 IN 1 VIDEO OUTPUT CABLE
- QUICKLOCKIPEXT INCABLE: 2 in 1 video input cable