



The F4 is a 1mx0.5m LED video panel that is ideal for both the installation and rental markets. It runs on the Novastar control protocol and is fully front & rear servicable with the magnetic LED modules. This product may be mounted directly on a flat wall, due to the front-service option.

## FEATURES

- 4.8 mm pitch video panel using Novastar control protocol
- Black body LEDs produce optimal black levels and high contrast video quality
- 1000 x 500 mm magnesium die-cast housing makes this product among the lightest in the market
- Optimized for fully front & rear service for the LED modules and control box
- Magnetic LED modules make service fast and easy

### Optical

- Light Source: 21,632 LEDs (tri-color RGB) SMD 3528, 50,000 hours life expectancy
- Color Wavelength: red (619 to 624 nm), green (522 to 525 nm), blue (468 to 471 nm)
- Viewing Angle: 140°
- Illuminance: 1,500 NITS
- Pixels: 104 x 208
- Pixel Pitch: 4.8 mm
- Minimum Viewing Distance: 13 ft (4 m)
- Pixel Density: 43,264/m<sup>2</sup>
- Display Refresh Rate: 3,840 Hz

### Construction/Physical

- Dimensions: 19.69 x 1.89 x 39.37 in (500 x 48 x 1000 mm)
- Weight: 28.4 lb (12.88 kg)
- Exterior Color: Black
- Housing Material: Magnesium die-cast
- Maximum vertical hang: 16 panels
- Maximum horizontal hang: 22 panels
- Transparency: 0%

### Connections

- Power Connection: Edison (Local) plug to Neutrik® powerCON®
- Power Input: Neutrik® powerCON®
- Power Output: Neutrik® powerCON®
- 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): 6 ft (1.8 m)

### Control

- Control Protocol: Novastar
- Maximum Panels/VIP Drive 43Nova: 120 (Video products only)
- Maximum Supported LEDs (per driver): 2,621,440 (Video products only)
- Video Input (compatible): 60 Hz

### Electrical

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 7 units @ 120 V; 12 units @ 208 V; 13 units @ 230 V
- Power and Current: 257 W, 2.05 A @ 120 V, 60 Hz
- Power and Current: 249 W, 1.27 A @ 208 V, 60 Hz
- Power and Current: 248 W, 1.19 A @ 230 V, 50 Hz

### Certifications/Qualifications

- CE, MET
- IP Rating: IP30, indoor use

### What's Included

- 4 F4
- 1 Neutrik® powerCON® power cord
- 4 Neutrik® powerCON® power linking cords
- 4 Neutrik® etherCON® signal linking cords

## SPECIFICATIONS CONTINUED

### Optional Accessories

- VIP Media Server
- ArKaos Media Master Express + KN software
- Neutrik powerCON cables
- Neutrik etherCON cables
- Etc.

### Required Accessories

- Required Software: Novastar mapping software
- Controller (required): VIP Drive 43 Nova
- Accessories (optional): MT-03 LED module removal tool
- Compatible Mounting Options: F-Series Rig Bar (RB-F50CM, RB-F100CM)(truss mounting), M10 Bolt (front mounting), M12 Bolt/Clamp (rear mounting) (Video and Pixel products only)

