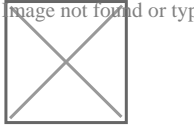


VIP Drive 83R Nova

FEATURES



- Video wall processor that outputs video signal to any Novastar video panel (including F2, F3, F4IP, F5IP, F6 Strip IP, and Vivid 4)
- Specialized receiver card rotation function allows the VIP Drive 83R Nova to individually rotate video panels in the Smart-LCT mapping software
- Automatically detect connected video panels/strips in the Smart-LCT mapping software without the need to manually input panel/strip resolution
- Powerful standalone mapping configures most video walls without a computer
- Custom MAPPING function makes setting up your wall fast and easy with on-screen visual feedback
- Using the onscreen controls, you can individually rotate each port
- Specialized on-screen mapping overlay makes mapping fast and easy by identifying the port and order of each video panel live, while video continue to play in the background
- Supports Dual-link DVI, HDMI 1.4, and 6G-SDI for flexibility in various applications
- 8 etherCON video outputs support 4K at 5.24 million LED resolution
- Works with NovaLCT-Mars and Smart-LCT software for complex configurations and panel calibration
- Compact 1U packing eases transportation and integration into your existing setup
- Fiber output for all 8 ports of the processor (primary and backup)
- Mode selection in menu allows the processor to function as both a regular sender via Ethernet to your screen, a fiber sender to send fiber to your fiber converter, and a fiber converter to receive fiber in from another fiber sender
- New Genlock input and loop supports synchronizing multiple VIP processors in a screen
- Dual, redundant power supplies ensure absolute stability

SPECIFICATIONS

CONSTRUCTION / PHYSICAL

- Dimensions: 19 x 12 x 1.7 in (483 x 335 x 52 mm)
- Weight: 9.5 lb (4.3 kg)
- Housing Material: Aluminum alloy
- Rackmount: 1U

CONNECTIONS

- Power Connection: Edison (Local) plug to IEC
- Power Input: IEC
- Cable Length (power): 5 ft (1.5 m)
- Video Input: Dual-link DVI-I (VESA standard, 1080i, HDCP support)
- Video Input: HDMI (EIA/CEA-861 standard, meeting HDMI-1.4 standard, HDCP support)
- Video Input: 6G-SDI (480i, 576i, 720p, 1080i/p)
- Video Output: Neutrik® etherCON® (8)
- Video Output: SFP-LC Fiber optical (2) (SFP fiber module not included)
- Genlock Input: Blackburst via locking BNC
- Genlock Loop Output: Blackburst via locking BNC
- Linking Connection: USB
- Software Connection: Front/Rear USB
- Backup/update Connection: Front/Rear USB

CONTROL

- Control Protocol: NOVASTAR
- Maximum Supported Input Resolution: 3840 x 1080
- Maximum Supported LEDs: 5,242,880
- Remote Control: NovaLCTMars PC software via front/rear USB (1)
- Supported Video Standards (Dual-link DVI): DVB-ASI



- Supported Video Standards (HDMI): HDMI 1.4, and DVB-ASI
- Supported Video Standards (6G-SDI): SMPTE 424M, SMPTE 292M, SMPTE ST-2081 (proposed), SMPTE 259M compliant
- Color Space Supported (DVI): RGB 4:4:4
- Color Space Supported (HDMI): RGB 4:4:4, YCrCb 4:4:4, YCrCb 4:2:2
- Color Space Supported (6G-SDI): RGB 4:4:4, YCrCb 4:4:4, YCrCb 4:2:2

ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power and Current: 40 W, 0.33 A @ 120 V, 60 Hz
- Power and Current: 40 W, 0.19 A @ 208 V, 60 Hz
- Power and Current: 40 W, 0.17 A @ 230 V, 50 Hz

CERTIFICATIONS / QUALIFICATIONS

- UL, CE, FCC, ROHS
- IP Rating: IP20, dry location

WHAT'S INCLUDED

- VIP Drive 83R Nova
- Rubber feet (4)
- IEC power cord
- USB cable
- HDMI signal cable
- Cat5e Ethernet cable
- Warranty Card

OPTIONAL ACCESSORIES

- ArKaos Media Master Express™ + KN software
- Neutrik® etherCON® cables