VIP Drive 83R Nova

FEATURES

• Video wall processor that outputs video signal to any Novastar video panel (including F2, F3, F4IP, F5IP, F6IP Video Strip, 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
• 4 etherCON video outputs support full HD at 2.6 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)
• 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

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SPECIFICATIONS CONTINUED

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

OPTIONAL ACCESSORIES
• ArKaos Media Master Express™ + KN software
• Neutrik® etherCON® cables

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