VIP DRIVE 10-5 NOVA

## Features

* **Video wall processor that outputs video signal to any NovaStar video panel**
* **Integrated 3-layer Scaler supports full screen, pixel to pixel, and custom scaling options**
* **Automatically scales to the wall detected**
* **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**
* **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.**
* **10 Ethernet video outputs support 4K at 6.55 million LED resolution**
* **Works with NovaLCT software for complex configurations and panel calibration**
* **Compact 1U packaging eases transportation and integration into your existing setup**
* **Fiber SFP output for all 10 ports of the processor (primary and backup)**
* **1 of the fiber SFP ports may be used as a direct video input**
* **Mode selection in menu allows the processor to function as a regular video controller to screen, a fiber converter to input fiber and output to your screen from another video controller, or in Bypass mode for automatic fault detection and backup from another primary video controller**
* **Genlock input and loop supports synchronizing multiple VIP processors and with your video source (switcher) to eliminate scan lines on camera.**
* **Mosaic function allows you to use multiple video inputs on the screen at the same time (2x DVI or 2x HDMI)**
* **Video backup settings allow you to designate backup video inputs for increased stability**
* **HDMI Video output enables previewing video sources and monitoring screen output locally**
* **Image Mosaic function supports synchronizing multiple VIP Drive 10-5 Nova processors, up to 32,768 x 32,768 total resolution**
* **Supports output LED screen refresh rate 23.98 - 120 Hz**
* **Low latency, 3D features supported in the drive**

## Construction/Physical

* Dimensions: 19 x 13.8 x 1.97 in (483 x 351.2 x 50.1 mm)
* Weight: 9 lb (4.08 kg)
* Exterior Color: Black
* 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: DVI-I (2) (HDMI 1.4) Single Link (VESA/EIA/CEA-861 standard, 3840 x 1080 @ 60 Hz - 3840x2160@30hz, HDCP 1.4 compliant)
* Video Input: HDMI 1.4 (2) (VESA standard, 3840 x 1080 @60 Hz – 3840 x 2160 @30 Hz, HDCP 1.4 compliant)
* Video Input: HD-SDI (480i, 576i, 720p, 1080i/p)
* Video Input: *SFP-LC Fiber optical (2) (SFP fiber module not included)*
* Genlock Input: Blackburst via locking BNC
* Genlock Loop Output: Blackburst via locking BNC
* Video Output: DVI Loop
* Video Output: SDI Loop
* Video Output: HDMI 1.4 Loop
* Video Output: HDMI 1.3 (Preview)
* Video Output: *SFP-LC Fiber optical (2) (SFP fiber module not included)*
* Audio: Input/Output (2.5mm) TRS, Stereo
* Video Output: RJ45 Ethernet (10)
* Linking Connection: USB 2.0 (Type A to Type B)
* Software Connection: Rear USB /RJ45 Ethernet
* Backup/update Connection: Rear USB/RJ45 Ethernet

## Control

* Control Protocol: NovaStar
* Maximum Supported Resolution: 3840 x 2160
* Maximum Supported LEDs (Per Port @ 60Hz): 655,360
* Maximum Supported LEDs: (Total 10 Ports @ 60Hz) 6,553,600
* Remote Control: NovaLCTMars PC software via rear USB (1), RJ-45 Ethernet port
* Supports Video Standards: SMPTE 425M (Level A and Level B), SMPTE 424M, SMPTE 292M, SMPTE 259M-C and DVB-ASI
* Color Space Supported (DVI): RGB 4:4:4, YCrCb 4:4:4, YCrCb 4:2:2
* Color Space Supported (HDMI): RGB 4:4:4, YCrCb 4:4:4, YCrCb 4:2:2
* Color Space Supported (OPT 1): 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: 150 W, 1.5 A @ 100 V, 60 Hz
* Power and Current: 150 W, 1.25 A @ 120 V, 60 Hz
* Power and Current: 150 W, 0.72 A @ 208 V, 60 Hz
* Power and Current: 150 W, 0.65 A @ 230 V, 50 Hz
* Power and Current: 150 W, 0.62 A @ 240 V, 50 Hz

## Certifications/Qualifications

* CE, ROHS
* IP Rating: IP20, dry location

## What’s Included

* VIP Drive 10-5 Nova
* IEC power cord
* USB cable
* HDMI signal cable
* DVI Signal Cable
* Cat5e Ethernet 3ft jumper cable
* Warranty Card

## Required Accessories

* Required Software: NovaLCT Software (PC)
* Compatible Mounting Options: 1U Rackmount

## Related Products

* VIP Drive 83R Nova 2
* F2
* F4IP
* F4XIP
* F5IP
* Vivid 4

## Categories

|  |  |  |
| --- | --- | --- |
| [ ]  Moving Heads | [ ]  Ellipsoidals | [ ]  Fresnels |
| [ ]  Houselights | [ ]  Static Washlights | [ ]  Battens & Cyc Lights |
| [ ]  Strobes & Blinders | [ ]  Followspots | [ ]  Wireless / Battery |
| [x]  LED Video | [ ]  Pixel Mapping | [ ]  Atmospherics |
| [ ]  Control & Distribution | [ ]  Exterior | [ ]  UV Technology |
| [ ]  Accessories |   |   |

## Filters

## Type

|  |  |  |
| --- | --- | --- |
| [ ]  Moving Heads | [ ]  Ellipsoidals | [ ]  Fresnels |
| [ ]  Static Washlights |  |  |

## Application

|  |  |  |
| --- | --- | --- |
| [ ]  Architainment | [ ]  Concert/Touring | [ ]  Corporate/Event |
| [ ]  House of Worship | [ ]  Nightclub and Lounge | [ ]  Stage & Theatre |
| [ ]  Museum | [ ]  Theme Parks/Cruise Ships | [ ]  TV & Film |
| [ ]  Exterior Installation | [ ]  Temporary Outdoor | [ ]  Houselights |

## Beam Type

|  |  |  |
| --- | --- | --- |
| [ ]  Spot (Hard Edge, no Framing Shutters, like R2 Spot) | [ ]  Profile (Hard Edge w/ Framing Shutters, like E-190WW) | [ ]  Wash |
| [ ]  Beam | [ ]  Pixel Mapping | [ ]  Strobe/Flood (These are not wash light per se, think Strike and Blinders) |

## Light Source

|  |  |  |
| --- | --- | --- |
| [ ]  All | [ ]  Discharge only | [ ]  LED only |
| [ ]  LED – RGB | [ ]  LED – RGBW | [ ]  LED – RGBA  |
| [ ]  LED – RGBWA | [ ]  LED – RGBWAUV | [ ]  LED – White |
| [ ]  LED – Variable White | [ ]  LED – RGBAL |  |

## IP Rating

|  |  |  |
| --- | --- | --- |
| [x]  Indoor | [ ]  Temporary Outdoor | [ ]  Outdoor |

## Product by Series

|  |  |  |
| --- | --- | --- |
| [ ]  COLORdash | [ ]  COLORado | [ ]  EPIX |
| [ ]  Ovation | [ ]  Maverick | [ ]  Nexus |
| [ ]  Rogue | [ ]  Strike | [x]  VIP (Video) |
| [ ]  Well | [ ]   | [ ]   |

## Spec Sticker Details

* Supplier: Kevin- NOVASTAR
* Item Code: 26081878
* UPC Number: 781462222260
* Item Name: (ACCPAC Name): VIPDRIVE105NOVA