

# 3067VIP-3G-HW-2A

## Quad Output, Compact Multi-Image Display Processor

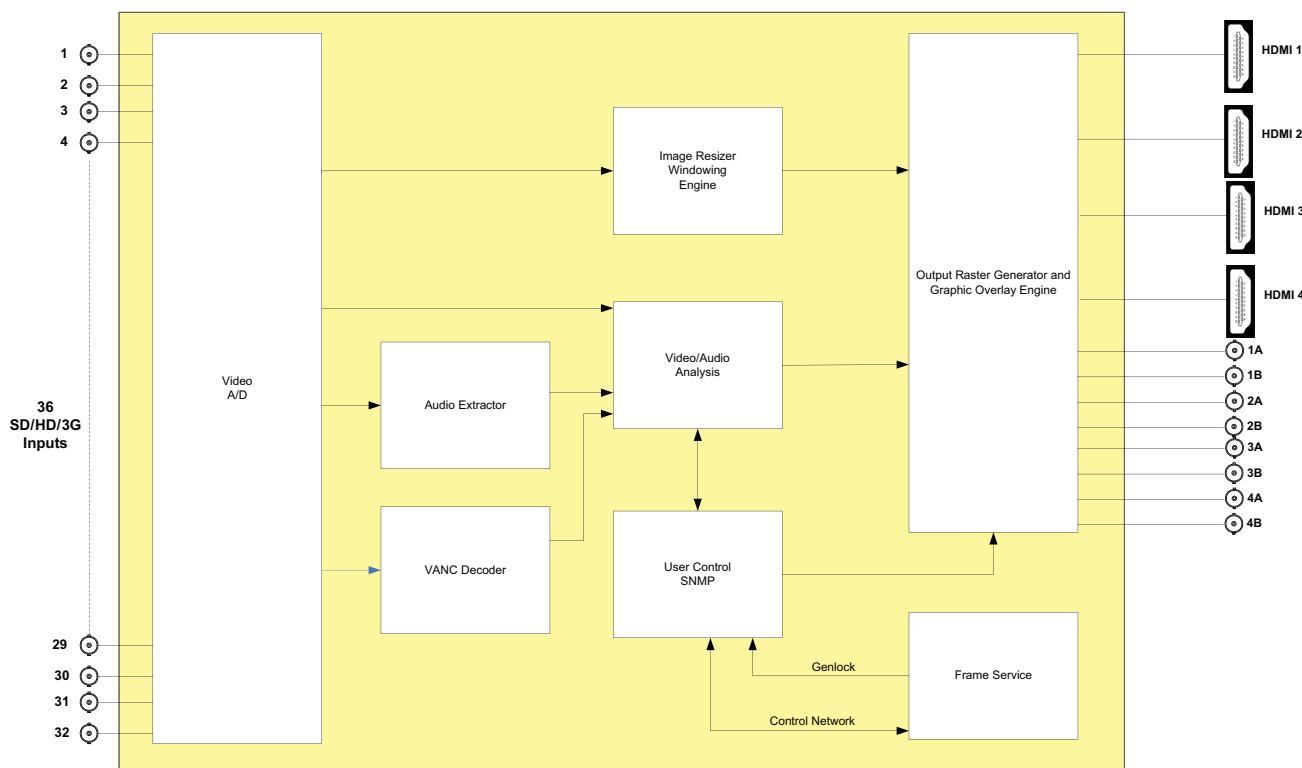
The 3067VIP-3G-HW-2A is an advanced high-density multi-image display processor. It supports 16, 18, 24, 27 or 32 SD, HD and 3Gb/s SDI automatic format detection inputs and up to 4 unique display outputs. The 3067VIP-3G-HW-2A offers seamless UHD input monitoring (no visible quadrant) and can drive UHD displays at their native resolution. Each 3067VIP-3G-HW-2A input can be displayed in any size, position or aspect ratio on any display. The 3067VIP-3G-HW-2A provides the best quality input reproduction, leveraging the same video processing technology as Evertz conversion products.

The 3067VIP-3G-HW-2A features hot-swappable boards and can be installed in any 1RU, 3RU or 6RU EMX series of frames with optional redundant power supplies. The 3067VIP-3G-HW-2A is VistaLINK enabled offering remote monitoring, control and configuration capabilities via SNMP. The 3067VIP-3G-HW-2A is also easily configurable via its integrated web interface. Display layouts can be designed in a live control environment using a VUE-WEB (web browser). Additional features include automatic aspect ratio adjustment per source basis, graticule generation, VITC/HD time code decode, closed captioning decode/burn-in and more.



### Features & Benefits

- Accepts 16, 18, 24, 27 or 32 3G/HD/SD inputs with 16 channels of embedded audio (license upgradeable)
- Auto sensing SD, HD and 3Gbps inputs
- Supports quad square division UHD inputs stitching also support monitoring of independent 2SI quadrant
- Supports dual UHD (3840x2160) output or 4 outputs up to 1920x1200 resolution
- Best image quality in industry
- Allows fullscreen viewing of any input on any output
- Supports for dynamic under monitoring displays (UMD) and tallies from router and switcher
- Supports advanced on screen graphics, including analog clock, transparency control of objects, raised bezels and borders, custom background, custom logo per display
- Supports up to 3 TrueType fonts including non-Latin alphabets
- Built-in graticule generator, user defined per window
- Enables the decoding and display of VITC/ATC (SMPTE ST 12-1, 12M-2) time code
- Audio, video and data fault monitoring with on screen fault notification
- Vistalink capable for configuration and monitoring via SNMP
- One frame processing delay
- Real time control of display output via web based layout design tool (VUE-WEB)
- Decoding and burn-in of 608 and 708 captions as well as Teletext
- Monitoring of the full 16 channels of embedded audio per input
- Loudness monitoring per ITU 1770, ATSC A/85 and EBU R 128
- Dolby E audio monitoring with surround sound bar graph (one per input)



The Complete Solution Provider



# 3067VIP-3G-HW-2A

## Quad Output, Compact Multi-Image Display Processor

### ► Specifications

<p><b>Serial Video Inputs:</b> Standards: 3Gb/s (SMPTE 424M/ 424M-AB) HD-SDI (SMPTE ST 292-1), and/or SD-SDI (SMPTE ST 259-C)</p> <p>Number of Inputs: 16,18,24,27,32 Connector: Mini Din 1.0/2.3 connector</p> <p>Equalization: SD-SDI: Automatic to 200m @ 270 Mb/s with Belden 1694A (equiv.) HD-SDI: Automatic to 100m @ 1.5 Gb/s with Belden 1694A (equiv.) 3G: Automatic to &gt; 50m @ 3 Gb/s with Belden 1694A (equiv.)</p> <p>Return loss: &gt; 15dB up to 1.5 Gb/s Embedded Audio: SMPTE ST 272-A, ST 299-1</p> <p><b>Display Video Output:</b> Standard: HDMI 2.0 Resolutions: Up to quad output at 1920x1200 or dual output at UHD (3840x2160)</p>	<p>Number of outputs: up to 4 Connector: HDMI</p> <p><b>Serial Video Output:</b> Standard: 3G/HD/SD best fit based on resolution selected (3G, 1080i, 720P, 625, 525) Supports dual UHD output Square division or 2SI</p> <p>Number of outputs: 8 (maximum 4 unique outputs) Connector: Mini Din 1.0/2.3 connector Signal Level: 800mV nominal DC Offset: 0V ± 0.5V</p> <p><b>Rise and Fall Time:</b> HD: 200ps nominal SD: 740ps nominal Overshoot: &lt; 10% of amplitude</p>	<p><b>Genlock Input:</b> Type: NTSC/PAL color black Level: 1V p-p nominal Connector: Uses EMX6-FR, EMX3-FR or EMX1-FR frame genlock BNC</p> <p><b>Ethernet:</b> Network Type: Fast Ethernet 100 Base-TX 1EEE 802.3U standard for 100Mbps base band CSMA/CD local area network Connector: RJ-45 via Frame Controller</p> <p><b>Electrical:</b> Voltage: +12V DC Power: 130 WATTS EMI/RFI: Complies with FCC Part 15, Class A EU EMC Directive</p> <p><b>Physical (number of slots): 2</b></p>
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### ► Ordering Information

**3067VIP-3G-HW-2A** Multi-image Display processor hardware

**Ordering Options:**

**Input & Output Options:**

<p><b>+16x4</b></p> <p><b>+18x4</b></p> <p><b>+24x4</b></p> <p><b>+27x4</b></p> <p><b>+32x4</b></p>	<p>License key to enable 16 auto sensing SD, HD, 3G inputs and quad outputs up to 1920x1200 resolution or dual UHD output</p> <p>License key to enable 18 auto sensing SD, HD, 3G inputs and quad outputs up to 1920x1200 resolution or dual UHD output</p> <p>License key to enable 24 auto sensing SD, HD, 3G inputs and quad outputs up to 1920x1200 resolution or dual UHD output</p> <p>License key to enable 27 auto sensing SD, HD, 3G inputs and quad outputs up to 1920x1200 resolution or dual UHD output</p> <p>License key to enable 32 auto sensing SD, HD, 3G inputs and quad outputs up to 1920x1200 resolution or dual UHD output</p>
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**Monitoring Options:**

**+SM**

Standard AVM monitoring audio: low/high/loss,  
Video: Black/frozen/loss  
Dolby E audio Monitoring, Loudness Monitoring, CC/Teletext  
subtitle decode/monitoring, VANC data monitoring.  
Include +SM monitoring features.

**+MCR**