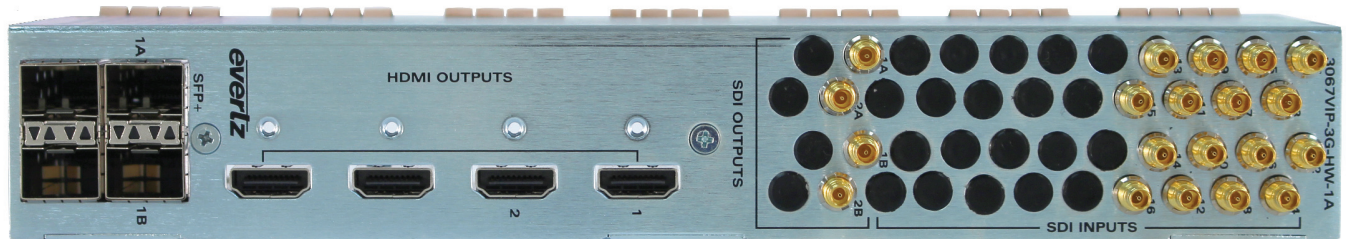


3067VIP-3G-HW-1A

Dual Output, Compact Multi-Image Display Processor

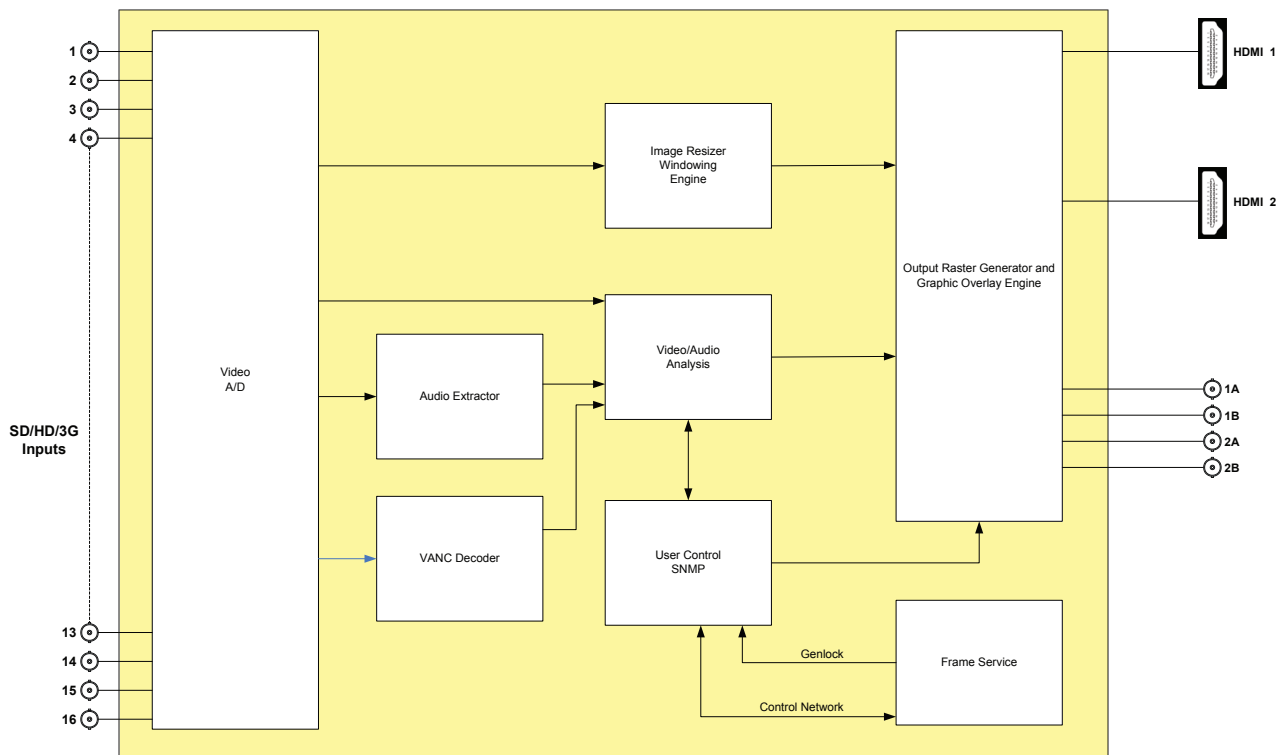
The 3067VIP-3G-HW-1A is an advanced high-density multi-image display processor. It supports 8, 12 or 16 SD, HD and 3Gb/s SDI automatic format detection inputs and up to 2 unique display outputs. The 3067VIP-3G-HW-1A offers seamless UHD input monitoring (no visible quadrant) and can drive UHD displays at their native resolution. Each 3067VIP-3G-HW-1A input can be displayed in any size, position or aspect ratio on any display. The 3067VIP-3G-HW-1A provides the best quality input reproduction, leveraging the same video processing technology as Evertz conversion products.

The 3067VIP-3G-HW-1A 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-1A is VistaLINK enabled offering remote monitoring, control and configuration capabilities via SNMP. The 3067VIP-3G-HW-1A is also easily configurable via the 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 8, 12 or 16 inputs with 16 channel 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 single UHD (3840x2160) output or up to 1920x1200 resolution on 2 outputs
- Best image quality in industry
- Allows fullscreen viewing of any input on any output
- Support 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)



► Specifications

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

3067VIP-3G-HW-1A Multi-image Display processor hardware

Ordering Options:

Input & Output Options:

<p>+8x2</p>	License key to enable 8 auto sensing SD, HD, 3G inputs and dual UHD outputs up to 1920x1200 resolution or single UHD output
<p>+12x2</p>	License key to enable 12 auto sensing SD, HD, 3G inputs and dual UHD outputs up to 1920x1200 resolution or single UHD output
<p>+16x2</p>	License key to enable 16 auto sensing SD, HD, 3G inputs and dual UHD outputs up to 1920x1200 resolution or single UHD output

Monitoring Options:

+SM

Standard AVM monitoring audio: low/high/loss,
Video: Black/frozen/loss

+MCR

Dolby E audio Monitoring, Loudness Monitoring,
CC/Teletext subtitle decode/monitoring, VANC data
monitoring. Include +SM monitoring features