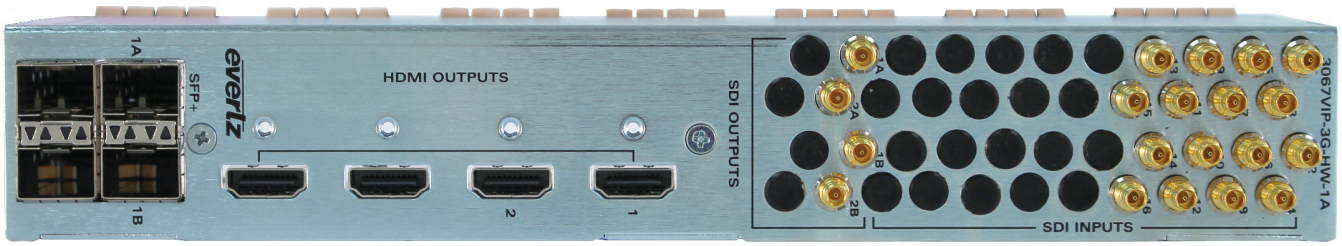
3067VIP–3G–HW–1A

Dual Output, Compact Multi–Image Display Processor

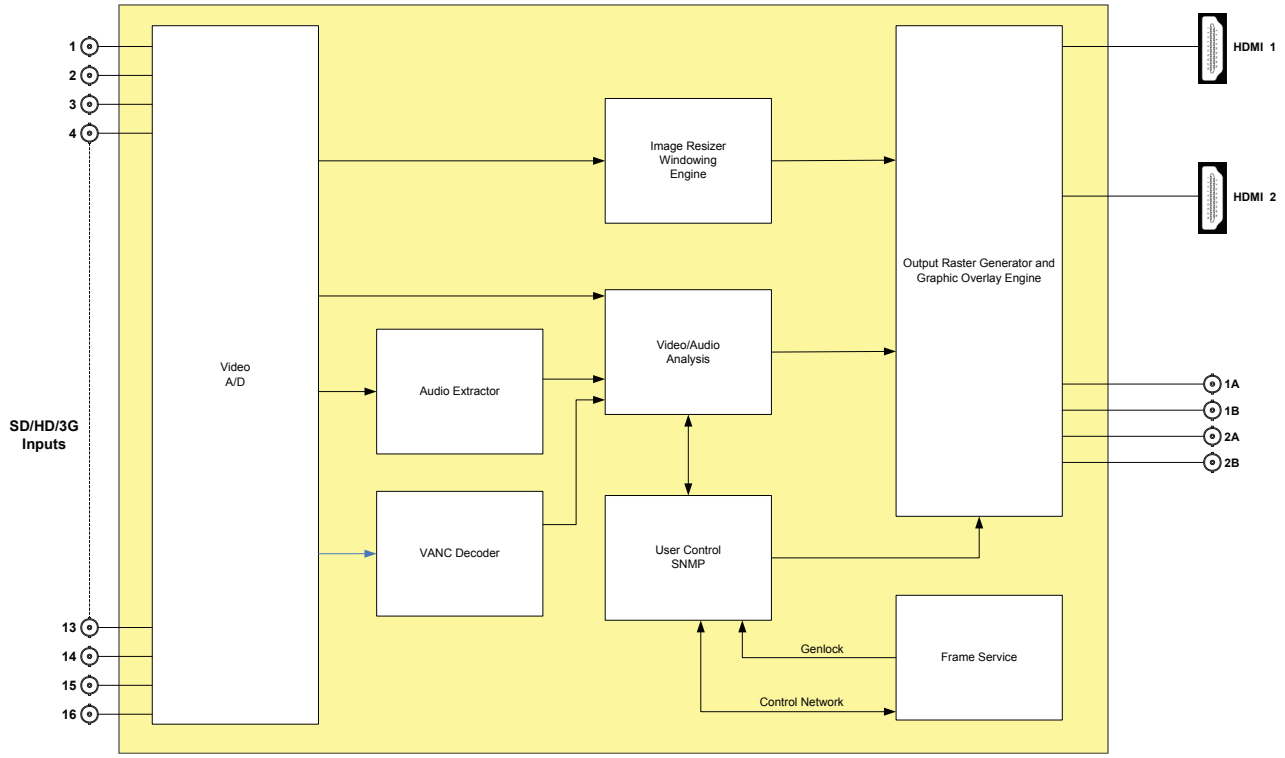
The 3067VIP–3G–HW–1A is an advanced high–density multi–image display processor. It supports 8, 12 or 16 SD, HD and 3Gb/s SDI automatic format detection inputs and up to 2 unique display outputs. The 3067VIP–3G–HW–1A offers seamless UHD input monitoring (no visible quadrant) and can drive UHD displays 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)



The Complete Solution Provider

Specifications

Serial Video Inputs:

Standards:	3Gb/s (SMPTE 424M/ 424M–AB) HD–SDI (SMPTE ST 292–1), and/or SD–SDI (SMPTE ST 259–C)
Number of Inputs:	8, 12, 16
Connector:	Mini Din 1.0/2.3 connector
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 >50m @ 3 Gb/s with Belden 1694A (equiv.)
Return loss:	>15dB up to 1.5 Gb/s
Embedded Audio:	SMPTE ST 272–A, ST 299–1

Display Video Output:

Standard:	HDMI 2.0 Resolutions up to dual 1920x1200 or single UHD (3840x2160)
Number of outputs:	up to 2
Connector:	HDMI

Serial Video Output:

Standard:	3G/HD/SD best fit based on resolution selected (3G, 1080i, 720P, 625, 525). Support single UHD output Square division or 2SI
Number of outputs:	4 (maximum 2 unique outputs)
Connector:	Mini Din 1.0/2.3 connector
Signal Level:	800mV nominal
DC Offset:	0V ± 0.5V

Rise and Fall Time:

HD:	200ps nominal
SD:	740ps nominal
Overshoot:	< 10% of amplitude

Genlock Input:

Type:	NTSC/PAL color black
Level:	1V p–p nominal
Connector:	Uses EMX6–FR, EMX3–FR or EMX1–FR frame genlock BNC

Ethernet:

Network Type:	Fast Ethernet 100 Base–TX 1EEE 802.3U standard for 100Mbps baseband CSMA/CD local area network
Connector:	RJ–45 via Frame Controller

Electrical:

Voltage:	+12V DC
Power:	130 WATTS
EMI/RFI:	Complies with FCC Part 15, Class A EU EMC Directive

Physical (number of slots): 2

Ordering Information

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

Ordering Options:

Input & Output Options:

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