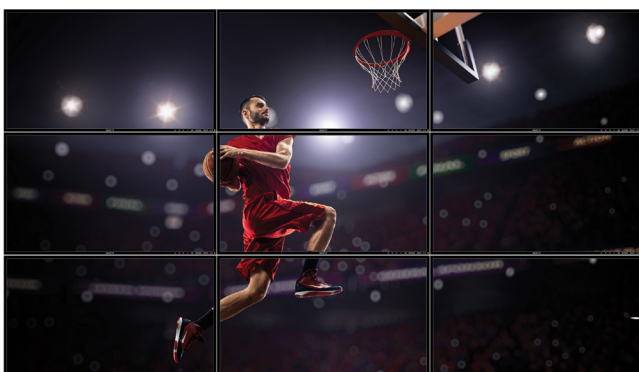


IPTV & Digital Signage Platform

Video Wall Processors

VITEC's range of professional-grade, powerful Video Wall processors enables the display of live and recorded IPTV streams and digital signage on configurable large-scale video walls. This family of Video Wall processors feature modular, configurable frames with all the input and output options for any video and audio source and hardware-based video rendering to ensure smooth, synchronised playback of IPTV and file-based content 365 x 24 x 7.

Integrated with VITEC's EZ TV and Avedia Platforms, all Video Wall processors are controlled and operated from a central management interface for the day-to-day administration of content, schedules and user access rights. The single point of management simplifies the complexity and costs associated with the initial deployment of an advanced IPTV, signage and dynamic video wall solution and ensures that the system is intuitive to operate, maintain, and scale up to constantly enhance the user experience.



Features & Benefits

- Integrates with both EZ TV and Avedia IPTV and Digital Signage Platforms
- Modular frames with configurable input / output interface cards
- Supports all major video / audio formats: VGA, DVI, HDMI, 3G/HD/SD-SDI, HDBaseT and IPTV
- Directly decodes live IPTV streams – H.264 SD/HD and HEVC SD/HD/4K
- Powerful video effects including expand, fly-in, contract, video-over-video overlay
- Frame-accurate synchronised playback of video files
- Supports custom output resolutions to project on any size and aspect ratio Video Wall
- Intuitive Video Wall layout authoring and management tool
- 100% hardware-based processing ensures reliable, smooth, synchronous video and graphic rendering
- API for integration with 3rd party control systems such as Crestron, AMX, Atlona and mobile devices
- TAA-compliant

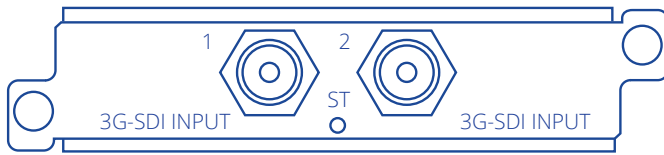


Video Wall Processor Specifications

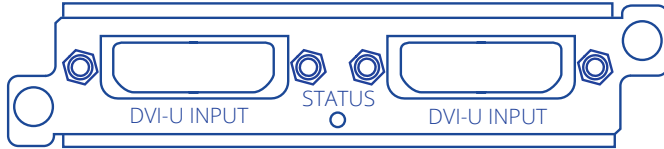
	VWP-3	VWP-6	VWP-16
Interfaces			
Input / Output Slots - Built-in	1 x Controller	1 x Controller + 1 x Dual DVI input	1 x Controller
Input / Output Slots - Expansion	3	5	14
Network (Management)	1	1	1
Power input	1	1	1 + 1 (redundant option)
Input Cards Supported			
Dual HDMI 4K	✓	✓	✓
Dual DVI / VGA / HDMI	✓	✓	✓
Dual 3G / HD-SDI / SD-SDI	✓	✓	✓
Quad SD-SDI	✓	✓	✓
Dual IPTV 4K with 16GB storage	✓	✓	✓
Dual IPTV 4K with 128GB storage	✓	✓	✓
Dual HDBaseT	✓	✓	✓
Output Cards Supported			
Single HDMI	✓	✓	✓
Dual DVI / VGA / HDMI	✓	✓	✓
Dual 3G/HD-SDI	✓	✓	✓
Dual HDBaseT	✓	✓	✓
Quad HDMI			✓
Analog / SPDIF Audio		✓	✓
Streaming Protocols			
UDP TS	✓	✓	✓
Multicast	✓	✓	✓
Unicast	✓	✓	✓
Power/Physical			
Power Supply (AC)	60W Max, 110-240v	125W Max, 110-240v	300W Max, 110-240v
Dimensions	217mm W x 244mm D x 44mm H (8.54" W x 9.60" D x 1.73" H)	482mm W x 336mm D x 45mm H (19" W x 13.25" D x 1.77" H)	482mm W x 334mm D x 178mm H (19" W x 13.1" D x 7" H)
Weight	1.7Kg (3.74 lb.)	5Kg (11.03 lb.)	15Kg (33 lb.)
Enclosure	Portable	Rack-mountable (standard 19" racks)	Rack-mountable (standard 19" racks)
Mounting	Racking kit required, 1RU	Built-in brackets, 1RU	Built-in brackets, 4RU
Environmental and Compliance			
Operating Temperature	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)
Humidity	10% - 85%, non-condensing	10% - 85%, non-condensing	10% - 85%, non-condensing
EMC Standards	FCC Part 15	FCC Part 15	FCC Part 15
RoHS-compliant	✓	✓	✓
TAA-compliant	✓	✓	✓
Video Wall Processing			
Integrate IPTV streams with Graphics	✓	✓	✓
Rotations (1-degree increments)	✓	✓	✓
Shrink, Expand Effects	✓	✓	✓
Layout transitions	✓	✓	✓
Video Cropping	✓	✓	✓
Edge Blending	✓	✓	✓
Configurable Display Bezel Compensation	✓	✓	✓
Low delay playback of live IPTV streams	300ms decoding latency	300ms decoding latency	300ms decoding latency
Max No. of Video Walls Managed	2	2	4
Max No. of monitors Supported	4	10	56

Video Wall Processors

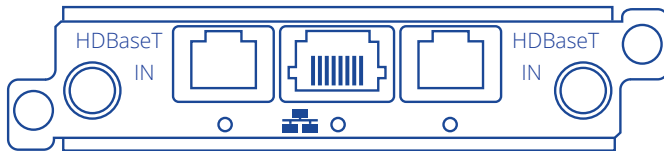
Input Cards



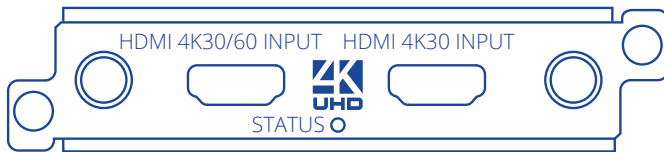
VWP-I-2x3G



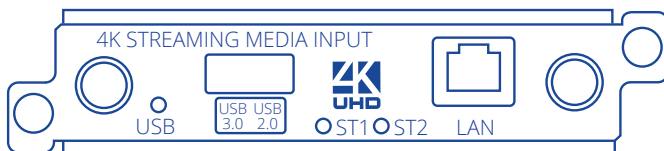
VWP-I-2xDVI



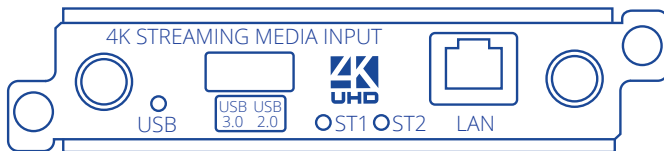
VWP-I-2xHDBaseT



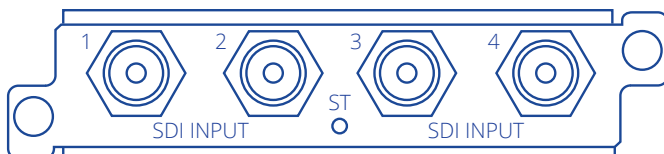
VWP-I-2xHDMI4K



VWP-I-2xIPTV-4K-16GB

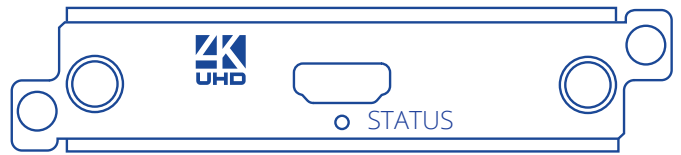


VWP-I-2xIPTV-4K-128GB

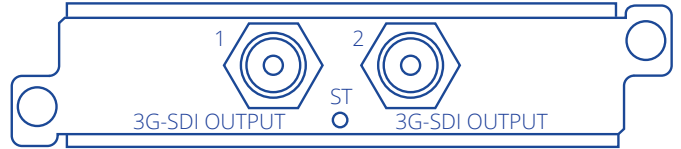


VWP-I-4xSDI

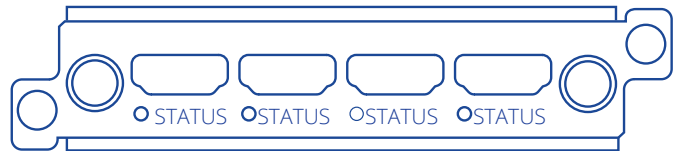
Output Cards



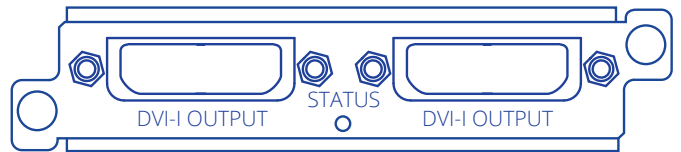
VWP-O-1xHDMI



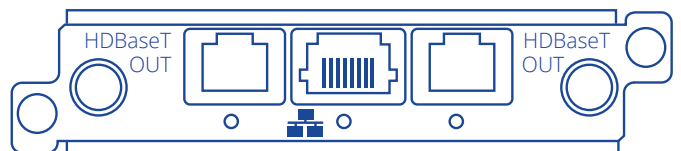
VWP-O-2x3G-SDI



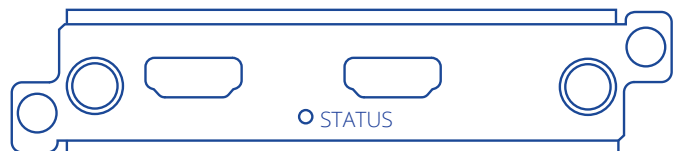
VWP-O-4xHDMI



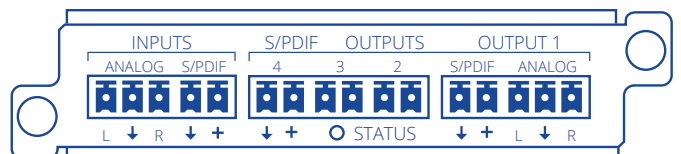
VWP-O-2xDVI



VWP-O-2xHDBaseT



VWP-O-2xHDMI-Keying



VWP-O-AUDIO