

VIP Encoders Features Comparison

TRANSMITTER (ENCODER) OPTIONS					
FEATURES	VIP-100H II TX	VIP-101 TX	VIP-200H II TX	VIP-300H-U TX	VIP-T300H-U TX
1080p	•	•	•	•	•
4K30 4:4:4				•	•
4K60 4:2:0				•	•
HDMI Input	•	•	•	•	•
HDMI Loop-Out	•		•		•
RS-232 Passthrough	•		•	•	•
TCP>RS-232			•	•	•
IR Input			•	•	•
IR Output	•		•	•	•
SPDIF Toslink INSERT Input				•	
3.5mm Stereo Audio INSERT Input				•	•
3.5mm Stereo Audio Input			•		(unicast mode)
3.5mm Stereo Audio Output					(unicast mode)
CATx Output	•	•	•	•	•
SFP Fiber Output Slot				MM or SM	MM or SM
(1) USB 2.0 Type A Port			•	•	•
User Settable Output Data Rate			•	•	•
USB KMS (Keyboard, Mouse, Storage) Support			•	•	•
HDCP Compliant	1.3		1.3	2.2	2.2
LED Channel Display	•			•	•
Front LED Diagnostics					•
OSD Menus			•	w VPX+	•
Point-to-Point Extension	•	•	•	•	•
Distribution	•	•	•	•	•
Switching	•	•	•	•	•
Matrix Switching	64	64	999	999	999
PureStreamX Codec	H.264 base	H.264 base	mjpeg2000 base	mjpeg2000 base	mjpeg2000 base
Compatibility with VPX Software			•	•	•
PoE (Power over Ethernet)	•	•		•	•
Layered Switching (Audio, Video, USB, IR, RS-232)			•	•	•
Instant Switch Capable			•	•	•
System, Source, and Display via API			•	•	•
Third Party Control API	•	•	•	•	•
Data Rate	<=25Mbps	<=25Mbps	<=280Mbps	<=800Mbps	<=800Mbps
System Latency	<=400mS	<=400mS	<=16mS	<=16mS	<=16mS
Rack Mount Option	•		•	•	•
Wallplate		•			
TAA Compliant					•
Compatible with RPS-1218 Rack Power Supply					•

VIP Decoders Features Comparison

RECEIVER (DECODER) OPTIONS				
FEATURES	VIP-100H II RX	VIP-200H II RX	VIP-300H-U RX	VIP-T300H-U RX
HDMI Output	•	•	•	•
(4) USB 2.0 Type B Port		•	•	•
SPDIF Optical EXTRACT Output			•	
3.5mm Stereo Audio EXTRACT Output			•	•
3.5mm Stereo Audio Output		•		(unicast mode)
3.5mm Stereo Audio Input				(unicast mode)
RS-232 Passthrough	•	•	•	•
TCP>RS-232		•	•	•
IR Input		•	•	•
IR Output		•	•	•
CATx Input	•	•	•	•
SFP Fiber Input Slot			MM or SM	MM or SM
1080p Support	•	•	•	•
4K30 Output (4K60 Converted)			•	•
Video Wall		Up to 8x8	Up to 8x8	Up to 8x8
Image Rotation		90, 180 DEG	90, 180 DEG	90, 180 DEG
UP/DOWN Scaling 1080P/4K (Forced Output)		•	•	•
USB KMS (Keyboard, Mouse, Storage) Support		•	•	•
Handheld Remote ("Channel Style" Switching)	•	•	•	•
HDCP Compliant	1.3	1.3	2.2	2.2
LED Broadcast Channel Display	•		•	•
OSD Menus		•	w VPX+	•
Front LED Diagnostics				•
Point-to-Point Extension	•	•	•	•
Distribution	•	•	•	•
Switching	64	999	999	999
PureStreamX Codec	H.264 base	mjpeg2000 base	mjpeg2000 base	mjpeg2000 base
Compatibility with VPX Software		•	•	•
PoE (Power over Ethernet)	•		•	•
Layered Switching (Audio, Video, USB, IR, RS-232)		•	•	•
Instant Switch Capable		•	•	•
System, Source, and Display Diagnostics via API		•	•	•
Third Party Control API	•	•	•	•
Data Rate	<=25Mbps	<=280Mbps	<=800Mbps	<=800Mbps
System Latency	<=400mS	<=16mS	<=16mS	<=16mS
Rack Mount Option	•	•	•	•
Wall Mount Option	•	•	•	•
TAA Compliant				•
Compatible with RPS-1218 Rack Power Supply				•