

Hall Technologies VERSA-4K-S 4K Video and USB Extender (Transmitter) for Point-to-Point or Matrix over IP

System	Supports	Device Naming, IP Control Build in WEB Server with Instiutive User Interface Front panel with 16x2 Character display for System configuration IR Remote Control
	Sender	Supports Independent routing
	Receiver	Built OSD generator, which can display custom text and pictures Built in Scalar with can support: low resolution <=> High Resolution timing conversion Interlaced <=> Progressive Mode conversion
	Video Wall Support	Wall Size up to 16x16 Bezel and Gap Compensation Pixel Wise Panning Image Rotation , Mirroring, and Stretch Video Pause and Black Out
Network	Max Distance	120m UTP
	Bandwidth	850Mbps +- 20Mbps *Varies with video pattern, USB activity, and WEB-GUI activity
	Casting	Multicast (Groups 0 -9999), Unicast Supports VLAN Switching
	Supports	Bit rate and bandwidth Control Static, DHCP and Auto IP (Zero Config) IGMPV2 1500 or 8000 MTU *Recommended 8K (8000MTU) for 4K video
Video	Sender Input	Up to 4K@60 4:4:4, HDMI 2.0a, HDR, HDCP2.2
	Sender Loop out	Up to 4K@60 4:4:4, HDMI 2.0a, HDR, HDCP2.2
	Receiver Output	Up to 4K@30 4:4:4, HDMI 2.0a, HDR, HDCP 2.2
Audio	HDMI Audio	2Ch, 5.1 Ch, 7.1 Ch LPCM 5.1Ch, 7.1Ch NLPCM
	Supports	HDMI Audio Extraction (2Ch LPCM 32Khz -96Khz)
Video Over IP	Video Codec	Proprietary Visually Lossless Video Codec Supports Quality Control
	Latency	1 Frame (< 30ms)
	Supports	Video Snapshot Anti-Dithering V3, Frame Rate Control
	Sender Analog Audio	Line In, Line Out for Audio Over IP Supports HDMI Audio Embedding
	Receiver Analog Audio	Mic In, Line Out for Audio Over IP Supports HDMI Audio De-Embedding
Supports	Analog Volume Control Bidirectional Audio extension in Unicast mode	
USB Over IP	USB Extension	up to 4xUSB 2.0 Downstream Devices USB 1.1 for Keyboard and Mouse Extension
	Supports	USB Class and Device Filtering Touch Screen Devices
RS-232 Over IP	RS-232	300 - 115200 bps with Data bit, parity and Stop bit settings
	Supports	Bidirectional Pass-through Mode (Dump redirection) Guest Mode (Serial Over IP over dedicated telnet port)
IR Over IP	IR	Universal IR
	Supports	Bidirectional IR Pass-through Mode Guest Mode (Software Decoding over dedicated telnet port)