MPN: VLVWIP2000-ENC

JPEG2000 4K60 HDR AV over IP with KVM and eARC/ARC

VLVWIP2000-ENC and VLVWIP2000-DEC is based on JPEG2000 technology. It integrates Copper port and Fiber port within a single box.
Encoder input supports up to 4K60 4:4:4, audio embedding or extracting.
Decoder output supports up to 4K60 4:4:4, audio extracting.

The product supports ARC/eARC/S/PDIF/Analog audio return function, also supports USB2.0/KVM/Camera, 1G Ethernet, bidirectional RS- 232, two-way IR and POE function.
Guest mode controls of RS-232, IR, CEC are supported. Built-in two channel RELAY ports and two channel I/O ports for contact control. Dante AV-A mode is supported if the product is license activated.

Built-in MJPEG Substream which supports plenty API commands to achieve flexible configurations is useful for 3rd party control Apps to preview video content.

The system is based on Linux for software development, provides flexible control methods, that are based on the intelligent networking of 1G Ethernet Switch.

The system requires a layer3 1G managed network switch supporting IGMP snooping and 8K Jumbo frame. With the PoE function it is also possible to power the unit without a PSU.

- Supports HDMI 2.0b, 4K@60Hz 4:4:4, HDCP 2.2 compliant.
- HDCP 2.2 compliant, 18Gbps video bandwidth
- Standard PoE supported (802.3at PD device)
- Built-in Web GUI browser interface supporting drag & drop operations and image preview
- Video Wall up to 9x9 and Muiltiview up to 25 windows

Specifications

Features		
	Audio support	Yes
	Cable types supported	Cat6a
	Connectivity technology	Wired
	Easy to install	Yes
	HDCP	Yes
	HDCP version	2.2
	KVM port selection	OSD
	LED indicators	Link, Power
	Maximum digital resolution	4096x2160@60Hz pixels
	Plug and Play	Yes
	Product colour	Black
	Supported resolutions	4K@60Hz 4:4:4
	USB 2.0 ports quantity	2
Operational conditions	Operating temperature (T-T)	-5 - 55 °C

Operational conditions	Storage temperature (T-T)	-25 - 70 °C
Packaging content	AC adapter included	Yes
	Included power plug types	EU
	Manual	Yes
	Mounting bracket(s) included	Yes
	Quick installation guide	Yes
Ports & interfaces	HDMI version	1.4b/2.0b
	Remote (IR) input	1
	Remote (IR) output	1
	RJ-45 ports quantity	1
	RS-232 ports	1
	USB 2.0 ports quantity	2
	USB port type	USB Type-B
Power	AC input voltage	100 - 240 V
	DC voltage	12 V
	DC-in jack	Yes
	Input current	2,5 A
	Power consumption (receiver) (max)	30 W
Technical details	Dimensions (WxDxH)	205 x 140 x 26 mm
	Maximum resolution	4096x2160 pixels
	Video in	HDMI
	Weight	265 g
Transmitter	Number of displays supported	1
	RJ-45 ports quantity (transmitter)	1
	Transmitter local keyboard/mouse port type	USB
	Transmitter local video port	Yes
	Transmitter local video port type	HDMI
	Transmitter USB Type-B ports quantity	1
	Transmitter video port type	HDMI
Vendor information	Brand Name	Vivolink
	Warranty	3 Year(s)

Other images