

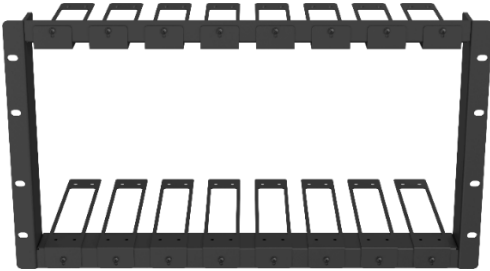
DB-UniStream-H-L Datasheet

Specifications

Encoder		
Specs		Description
Product Name		UniStream-H-L VA Encoder
Physical	Video Input	4K HDMI / 4K60 HDMI x1
	Video Loop out	4K HDMI / 4K60 HDMI x1
	Audio Input	3.5mm x1, HDMI/DP support embedded audio
	Audio Loop out	Phoenix audio x1, HDMI/DP embedded audio loop out
	Audio Output	3.5mm x1
	IR	1x input, 1x output
	Relay	2x relay control port, max switch voltage 125VAC/60VDC, max switch currency 2A, max switch power 62.5VA/30W
	Level Input	1x level input detection port
	Network Port	1x LC and 2x RJ45 network port as redundancy, data rate 1000Mbps
	POE	Support
	Serial	Baud rate 9600, 19200, 38400, 57600, 115200
	LCD Screen	Display endpoint IP and MAC address
	Push Button	2x push buttons, support functionalities customization
Encoding	Network Protocol	IP / UDP / IGMP
	Chroma Sampling	YUV4:4:4
	Codec	VC2
	Distribution	Multi-cast
	Data rate	VC2: 300M~900Mbps
	Capacity	1x video encoding based on original signal size, 1x audio encoding
Audio	Codec	PCM
	Data Rate	PCM: 1Mbps
	Transmission	support embedded into video, or transfer and switch separately from video
	Sampling	48K
Environment	Dimension	212.6(W)x 204.1(D)x 40.4(H) (mm)
	Power	24W
	Net Weight	1Kg
	Power supply	DC 12V±10%, or POE
	Temperature	0-50℃ (working), -10~60℃ (Storage)
	Humidity	10%~80% (working), 10%~90% (Storage)

Decoders		
Specs		Description
Product Name		UniStream-H-L VA Decoder
Physical	Video Output	4K HDMI / 4K60 HDMI x1
	Audio Output	3.5mm x1, phoenix balanced x1, HDMI/DP embedded audio
	Audio Input	3.5mm x1
	IR	1x input, 1x output
	Relay	2x relay control port, max switch voltage 125VAC/60VDC, max switch currency 2A, max switch power 62.5VA/30W
	Level Input	1x level input detection port
	Network Port	1x LC and 2x RJ45 network port as redundancy, data rate 1000Mbps
	Serial	Baud rate 9600, 19200, 38400, 57600, 115200
	POE	Support
	LCD Screen	Display endpoint IP and MAC address
	Push Button	2x push buttons, support functionalities customization
Video	Network Protocol	IP / UDP / IGMP
	Codec	VC2
	Chroma Sampling	YUV4:4:4
	Distribution	Multicast
	Capacity	Single view display, resolution up to 4K
Audio	Codec	PCM
	Data Rate	PCM: 1Mbps
	Transmission	Support embedded into video, or transfer and switch separately from video, support up to 4x audio mix
	Sample	16KHz, 32KHz, 44.1KHz, 48KHz
Environment	Dimension	212.6(W)x 204.1(D)x 40.4(H) (mm)
	Power	24W
	Net Weight	1Kg
	Power supply	DC 12V±10%, or POE
	Temperature	0-50℃ (working), -10~60℃ (Storage)
	Humidity	10%~80% (working), 10%~90% (Storage)

1U Tray	
Specs	Description
Appearance	
Product Name	1U Tray
Dimensions (Wx Dx H)	444x 200x 42.5(mm) without mounting hangers 483x 200x 42.5(mm) with mounting hangers
Weight	1.1kg (Tray only)
Capacity	2 nodes

6U Tray	
Specs	Description
Appearance	
Product Name	6U Tray
Dimensions (Wx Dx H)	482.6x 200.8x 266mm(Depth after nodes loaded) 482.6x 42x 266mm (Tray only)
Weight	1.972kg (tray plus 16x mounting hangers and screws) 1.348kg (Tray only)
Capacity	8x nodes

Appearance

Encoders & Decoders		
Type		Appearance
Encoders	UniStream-H-L 4KHDMI AV Encoder	
	UniStream-H-L 4K60 HDMI AV Encoder	
Decoders	UniStream-H-L 4KHDMI AV Decoder	
	UniStream-H-L 4K60 HDMI AV Decoder	