

DB-UniStream-Br Datasheet

Specifications

Encoder				
Specs		Description		
Product Name		UniStream-Br KU Encoder	UniStream-Br KM Encoder	
			UniStream-Br VA Encoder	
Physical	Video Input	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I x1		
	Video Loop out	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I x1		
	Audio Input	3.5mm x1, HDMI/DP support embedded audio		
	Audio Loop out	Phoenix balanced 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 1x 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		
	KM	1x USB Type B for KVM control	1x USB Type B for KVM control	/
	USB Data	Support	/	/
Encoding	Network Protocol	IP / UDP / IGMP/TCP/TRSP		
	Codec	H.264, H.265		
	Complexity	H.265: Main profile ; H.264: Baseline / Main / High profile		
	Data rate	256Kbps~40Mbps for each stream		
	Capacity	1x video, 1x audio encoding 4K input 4K~D1, 2K input 1080P~D1		
Audio	Codec	AAC, G711a		
	Data Rate	128Kbps		
	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	18W		

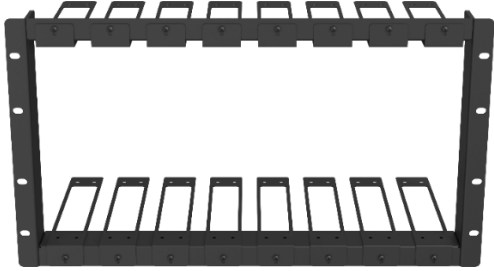
	Net Weight	1Kg
	Power supply	DC 12V±10%, or POE
	Temperature	0-50℃ (working), -10~60℃ (Storage)
	Humidity	10%~80% (working), 10%~90% (Storage)

Decoders					
Specs		Description			
Product Name		UniStream-Br KU Decoder	UniStream-Br KM Decoder	UniStream-Br VW Decoder	UniStream-Br VA Decoder
Physical	Video Output	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I x1			Additional SDI x1
	Audio Output	3.5mm x1, phoenix balanced x1, HDMI/DP embedded audio			Additional SDI embedded audio
	Audio Input	3.5mm x1, microphone input x1	/		3.5mm x1, microphone input 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 1x 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			
	USB 2.0	2x USB Type A, connect to keyboard and mouse		/	/
	USB Data	2*USB Type A, connect to USB-hid devices	/	/	/
Video	Network Protocol	IP / UDP / IGMP/TCP/TRSP			
	Codec	H.264, H.265			
	Complexity	H.265: Main profile H.264: Baseline / Main / High profile			
	Layers capacity	/	/	4x layers per screen, support overlay, PIP, resizing. Or 1/4/9/16 Multiview	/
	Decoding Capacity	Under workstation mode, support single view or quad-view display,			Under matrix mode, support




		resolution up to 4K. Under matrix mode, support 1/4/9/16 Multiview		1/4/9/16 Multiview
Audio	Codec	AAC, G711a		
	Data Rate	128Kbps		
	Sample	16KHz, 32KHz, 44.1KHz, 48KHz		
Environment	Dimension	212.6(W)x 204.1(D)x 40.4(H) (mm)		
	Power	18W		
	Net Weight	1Kg		
	Power supply	DC 12V±10%, or POE		
	Temperature	0-50℃ (working), -10~60℃ (Storage)		
	Humidity	10%~80% (working), 10%~90% (Storage)		

1.5U Chassis	
Specs	Description
Appearance	
Product Name	1.5U Chassis
Dimensions (Wx Dx H)	444x 247.3x 66(mm), without mounting hangers 482.6x 247.3x 66(mm), with mounting hangers
Input Voltage	110-240VAC, 50/60Hz
Output Voltage	DC12V
Output Power	120W(Max)
Power supply efficiency	93.0%
Weight	5kg (fully loaded)
Capacity	4
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	
Type	Appearance
<p>KM Encoder. Support KVM</p>	
<p>KU Encoder, support KVM and USB data</p>	
<p>VA Encoder, video and audio encoder</p>	

Decoder	
Type	Appearance
<p>KM Decoder, support KVM</p>	
<p>KU Decoder, support KVM and USB data</p>	
<p>AV Decoder, audio and video decoder</p>	
<p>VW Encoder, with video wall controller features</p>	

<p>Standard KM Decoder (HDMI, 4KHDMI, DVI)</p>	 A black, rack-mountable Standard KM Decoder. The front panel features a 'KM Decoder' label, a USB port, a DVI port, a green LED display showing '000000', a network port, and a fiber optic port.
<p>Standard AV Decoder (HDMI, 4KHDMI, DVI)</p>	 A black, rack-mountable Standard AV Decoder. The front panel features a 'VA Decoder' label, a USB port, a DVI port, a green LED display showing '000000', a network port, and a fiber optic port.