



**Technical specification EMU- 92xx (SDI) and 95xx (HDMI):**

<b>Input</b>	4/8/12×HD-SDI or HDMI (1.4) inputs for option, HDCP 1.4			
<b>Video</b>	Encoding Format	HEVC/ h.265, MPEG 4 h.264 AVC		
	<b>Resolution (HDMI V1, and SDI)</b>		Output	
			HEVC/H.265	MPEG-4 AVC/H.264
		4x1080p50	4x1080p50	2x1080p50
		4x1080p60	4x1080p60	2x1080p60
		4x1080i50	4x1080p50	4x1080i50 2x1080p50
		4x1080i60	4x1080p60	4x1080i60 2x1080p60
		4x720p50	4x720p50	4x720p50
		4x720p60	4x720p60	4x720p60
<b>Encoding</b>	Resolution (HDMI V2)	3840×2160p30, 3840×2160p29.97 (Encoding 2 CHs per module for H.265, and encoding 1 CH for h.264) 1920×1080p60,1920×1080p59.94,1920×1080p50, (Encoding 4 CHs per module for h.265, and encoding 2 CHs for h.264) 1280×720p60, 1280×720p59.94, 1280×720p50 (Encoding 4 CHs per module for h.264 and h.265)		
	Chroma	4:2:0		
	Bitrate	0.5Mbps...20Mbps (each channel)		
	Rate Control	CBR/VBR		
	GOP Structure	IBBP, IPPP		
	Video correction	De-interlacing, Noise Reduction, Sharpening		
<b>Audio Encoding</b>	Encoding Format	MPEG-1 Layer 2, LC-AAC, HE-AAC, HE-AAC V2, AC3 Passthrough		
	Sampling rate	48KHz		
	Bit-rate (each channel)	48Kbps...384Kbps (MPEG-1 Layer 2 & LC-AAC) 24 Kbps...128 Kbps (HE-AAC) 18 Kbps...56 Kbps (HE-AAC V2)		
	Audio Gain	0...255		
<b>Stream output</b>	IP (1 MPTS and maximum 4 SPTS) output over UDP/RTP/RTSP <u>per module</u> , 1000/100MBase-T Ethernet interface (unicast/ multicast); IPv4, IPv6 output IP null packet filter			
<b>System</b>	Web based management			
	Firmware update per ethernet/web-IF			
<b>Miscellaneous</b>	Dimension (W× L× H) 19" 1RU	482×328×44mm		
	Approx weight	5kg		
	Temperature	0...45°C(working environment), -20...80°C (Storage)		
	Power	AC 100V-220V±10%, 50/60Hz		