



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

Input	4/8/12×HD-SDI or HDMI (1.4) inputs for option, HDCP 1.4				
Video	Encoding Format	HEVC/ h.265, MPEG 4 h.264 AVC			
	Resolution (HDMI V1, and SDI)		Output		
			Input	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	
Encoding	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			
Audio Encoding	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			
Stream output	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				
System	Web based management				
	Firmware update per ethernet/web-IF				
Miscellaneous	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			