

IP Encoder & Streamer Comparison Chart

Compact and 19" encoders, IPTV headend and broadcast encoders, audio encoder and IP transcoder

	INPUTS			CHANNELS		VIDEO ENCODING			OUTPUTS		STREAMING PROTOCOLS									HARDWARE			
Model	Video inputs	Audio inputs	Loop-out	Channels	Streams	Codecs	Max. resolution	Pro video	Ethernet	ASI out	UDP/RTP	RTSP	RTMP	RTMPS	HTTP	HLS	FLV	SRT	ONVIF	Recording	Housing	Power supply	Power
COMPACT STREAMING ENCODERS																							
HDE-264	1× HDMI	HDMI embedded	—	1	2	H.264, MJPEG	1080p60	—	1× 100 Mbps	—	●	●	●	●	●	●	●	–	●	—	Compact box	External 12 V DC	6 W
ADE-264B	1× HDMI + 1× CVBS (PAL/NTSC)	Embedded, 3.5 mm stereo	—	1	2	H.264, MJPEG	1080p60	—	1× 100 Mbps	—	●	●	●	●	●	●	●	–	●	—	Compact box	External 12 V DC	6 W
HDE-265L	1× HDMI	Embedded, 3.5 mm stereo	HDMI	1	4	H.265, H.264, MJPEG	1080p60	—	1× GbE	—	●	●	●	●	●	●	●	●	●	—	Compact box	External 12 V DC	6 W
SDE-265	1× 3G-SDI	Embedded, 3.5 mm stereo	SDI	1	4	H.265, H.264, MJPEG	1080p60	—	1× GbE	—	●	●	●	●	●	●	●	●	●	—	Compact box	External 12 V DC	6 W
VDE-265	1× VGA (D-Sub 15)	3.5 mm stereo	VGA + audio	1	4	H.265, H.264, MJPEG	1920×1200p60	—	1× GbE	—	●	●	●	●	●	●	●	●	●	—	Compact box	External 12 V DC	12 W
DPE-275	1× DisplayPort	Embedded, 3.5 mm stereo	DisplayPort	1	4	H.265, H.264, MJPEG	4Kp30 (1080p60)	—	1× GbE	—	●	●	●	●	●	●	●	●	●	USB	Compact box	External 12 V DC	10 W
HDE-275	1× HDMI	Embedded, 3.5 mm stereo	—	1	4	H.265, H.264, MJPEG	4Kp30 (1080p60)	—	1× GbE	—	●	●	●	●	●	●	●	●	●	USB, microSD	Compact box	External 12 V DC	10 W
HDE-275Q	4× HDMI (2× 4Kp30 + 2× 1080p60)	Embedded, 1× 3.5 mm stereo	—	4	4 per channel	H.265, H.264, MJPEG	4Kp30 (1080p60)	—	1× GbE	—	●	●	●	●	●	●	●	●	●	—	Compact box	External 12 V DC	12 W
HDE-276	1× HDMI	Embedded, 3.5 mm stereo	HDMI	1	4	H.265, H.264, MJPEG	4Kp60	—	1× GbE	—	●	●	●	●	●	●	●	●	●	USB 3.0, microSD	Compact box	External 12 V DC	10 W
SHDE-400	1× 12G-SDI + 1× HDMI (both encoded in parallel)	Embedded, 2× 3.5 mm stereo	—	2 (parallel)	2 (main up to 4Kp60 + sub up to 1080p60)	H.265, H.264, MJPEG	4096×2160p60	10-bit (H.265 Main10), 4:2:2 input, HDR10, HLG, BT.2020	1× GbE	—	●	●	●	●	●	●	●	●	●	USB 3.0, microSD, NFS/SMB	Compact box	External 12 V DC	—
19" RACK STREAMING ENCODERS																							
HDE-1265	1× HDMI	Embedded, 3.5 mm stereo	—	1	4	H.265, H.264, MJPEG	1080p60	—	GbE	—	●	●	●	●	●	●	●	●	●	—	19" 1RU	Internal, 100–240 V AC	—
HDE-4265	4× HDMI	Embedded, 3.5 mm stereo	—	4	4 per channel	H.265, H.264, MJPEG	1080p60	—	GbE	—	●	●	●	●	●	●	●	●	●	—	19" 1RU	Internal, 100–240 V AC	—
HDE-4275Q	16× HDMI (8× up to 4Kp30, 8× up to 1080p60)	Embedded, 1× 3.5 mm stereo	—	16	4 per channel	H.265, H.264, MJPEG	4Kp30 (1080p60)	—	4× GbE	—	●	●	●	●	●	●	●	●	●	—	19" 1RU	Internal, 100–240 V AC	—
HDE-16265	16× HDMI (8× option)	Embedded, 3.5 mm stereo	HDMI (option)	16	4 per channel	H.265, H.264, MJPEG	1080p60	—	GbE	—	●	●	●	●	●	●	●	●	●	—	19" 3RU	Dual (redundant)	—
SDE-16265	16× 3G-SDI (8× option)	Embedded, 3.5 mm stereo	SDI	16	4 per channel	H.265, H.264, MJPEG	1080p60	—	GbE	—	●	●	●	●	●	●	●	●	●	—	19" 3RU	Dual (redundant)	—
ADE-16264	16× CVBS (PAL/NTSC) + HDMI	Embedded, 3.5 mm stereo	—	16	2 per channel	H.264, MJPEG	1080p60	—	100 Mbps	—	●	●	●	●	●	●	●	–	●	—	19" 3RU	Dual (redundant)	—
SHDE-4000 SHDE-4002: 2 independent encoders in one 1RU chassis, shared dual PSU	1× 12G-SDI + 1× HDMI (both encoded in parallel)	Embedded, 2× 3.5 mm stereo	—	2 (parallel; SHDE-4002: 4)	2 (main up to 4Kp60 + sub up to 1080p60)	H.265, H.264, MJPEG	4096×2160p60	10-bit (H.265 Main10), 4:2:2 input, HDR10, HLG, BT.2020	1× GbE	—	●	●	●	●	●	●	●	●	●	USB 3.0, NFS/SMB	19" 1RU	Dual redundant, 100–240 V AC	30 W
IPTV HEADEND & BROADCAST ENCODERS																							
EMU-9500 EMU-9504 / 9508 / 9512	4 / 8 / 12× HDMI	Embedded	—	4 / 8 / 12	4 SPTS per module (1 per channel)	H.265, H.264	1080p60	—	GbE (IPv4/IPv6)	—	●	●	●	–	●	●	–	●	–	—	19" 1RU	AC 100–220 V	—
EMU-8500 EMU-8508 / 8516 / 8524	8 / 16 / 24× HDMI	Embedded	—	8 / 16 / 24	SPTS per channel + MPTS	H.264	1080p30 out (1080p60 in)	—	GbE	—	●	●	●	–	●	●	–	●	–	—	19" 1RU	AC 110 / 220 V	—

	INPUTS			CHANNELS		VIDEO ENCODING			OUTPUTS		STREAMING PROTOCOLS									HARDWARE			
Model	Video inputs	Audio inputs	Loop-out	Channels	Streams	Codecs	Max. resolution	Pro video	Ethernet	ASI out	UDP/RTP	RTSP	RTMP	RTMPS	HTTP	HLS	FLV	SRT	ONVIF	Recording	Housing	Power supply	Power
EMU-8600 EMU-8616 / 8624	16 / 24× HDMI	Embedded	—	16 / 24	SPTS per channel + MPTS	H.264	1080p30 out (1080p60 in)	—	GbE	—	●	●	–	–	–	–	–	–	–	—	19" 1RU	AC 110 / 220 V	—
EMU-8200 EMU-8204 / 8208 / 8212	4 / 8 / 12× HD-SDI	Embedded	—	4 / 8 / 12	1 MPTS + 4 SPTS per module	H.265, H.264	1080p60	—	GbE (IPv4/IPv6)	—	●	●	–	–	–	–	–	–	–	—	19" 1RU	AC 100–220 V	—
MPE-4000 MPE-4200H / 4400H (HDMI) · MPE-4200S / 4400S (SDI)	2 / 4× HDMI or SDI + 1× ASI in	Embedded	—	2 / 4	1 MPTS + 4 SPTS (4-input)	H.264, MPEG-2	1080p60 (H.264)	—	GbE data + 100 M NMS	2× (mirrored)	●	●	–	–	–	–	–	–	–	—	19" 1RU	AC 100–240 V, redundant option	—
MPE-4001	HDMI, HD-SDI, YPbPr, CVBS (CC only) + 2× ASI in	Embedded, 2× XLR, 2× AES, 2× BNC	—	1	2 MPTS	H.264, MPEG-2	1080p60	—	2× GbE	2×	●	●	–	–	–	–	–	–	–	—	19" 1RU	AC 110 / 220 V	16 W
AUDIO ENCODER & IP TRANSCODER																							
MPE-3000	2× analog XLR, 2× AES/EBU, 1× ASI in	Audio only	—	2	MPTS / 2 SPTS	MPEG-1 L2, AAC	Audio only	—	GbE	2×	●	–	–	–	–	–	–	–	–	—	19" 1RU	Single, dual optional	—
BTR-6000V	IP (3–4× GbE), USB files	—	—	32 SD / 16 HD / 1 4K	SPTS / MPTS remux	H.265, H.264, MPEG-2	4096×2160 (1 ch)	—	3–4× GbE + 1 mgmt	—	●	–	●	–	–	●	–	–	–	—	19" 1RU	AC 110–240 V	350 W max