

Z-IP EncodeC MOS Product Specifications



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Product Specifications



Product Description

Receives unicast and multicast MPEG-2 and H.264 HD/SD streams and generates Mosaic views as single IP stream.

Model	ZEBLD-100	
Physical Description	Enclosure: Rack Mountable server, 1U high (includes mounting kit) Dimensions: (WxHxD) 17.2 x 1.7 x 25.6 in. (437 x 43 x 650mm) Gross Weight: 36 lb (16.33 kg)	
Electrical Power	AC Input Voltage: 100-240VAC, 50/60 Hz auto-sense Rated Input Current: 100-240V, 8A-4A Dual Power Supply: 500W high-efficiency (94+%) power supply	
Input Streams	Video Codec <ul style="list-style-type: none"> ✓ MPEG-2 SD and HD ✓ H.264 / MPEG-4 AVC SD and HD Audio Codec <ul style="list-style-type: none"> ✓ MPEG-1 Layer II, AAC, AC3 ✓ Dolby decoding Encapsulation <ul style="list-style-type: none"> ✓ MPEG-2 transport stream over UDP/IP 	
Pre-Processing	Video	Audio
	Adaptive de-interlacing Video resizing Aspect-ratio conversion or pass-through Frame rate down-conversion / doubling: 1080i to 720p Color enhancement	Automatic gain control Audio level adjustment (per audio track) Stereo-to-mono down-mixing Audio re-sampling
Encoding	Video Encoding: H.264 / MPEG-4 AVC, BP/MP/HP, all levels, up to HD Audio Encoding: MPEG-1 Layer II (SPTS), AAC, LC, HE v1, HE v2, in ADTS or LOAS/LATM	
Management	Remote management with intuitive GUI SNMP Cluster Management System controls multiple platforms from single interface 4 x 100/1000BaseT network interfaces with teaming and redundancy options	
Streaming	IPTV SPTS/UDP	

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Environment	Operating Temperature Range: 5°C ~ 35°C (41°F ~ 95°F) Non-Operating Temperature Range: -40°C ~ 60°C (-40°F ~ 140°F) Operating Relative Humidity Range: 8% ~ 90% (non-condensing) Non-Operating Relative Humidity Range: 5% - 95% (non-condensing)
Agency Standards	FCC Part 15 Subpart B Class A