ENCODER-100™
Single channel video encoder

Overview

Even though we use the H.264 and RTSP standards for streaming, you don't need to be a network expert to get your system up and running. The Magenta ENCODER-100 is a robust, stable, single channel encoder capable of resolutions up to 1920x1200, built by Network engineers for the AV professional. If that wasn't enough – the ENCODER-100 works seamlessly with the tvONE CORIOmaster 4K Streaming Media input modules. Using CORIOgrapher, you can auto-discover, link and configure all of your ENCODER-100's with your CORIOmaster! This is just one more reason that proves Magenta is a leader in signal distribution.

Key Features

- Extend/record up to Full HD 1080p60 and 1920x1200 video and audio
- H.264 compression for high-quality, low-bandwidth AV-over-IP
- Support for wide-screen & standard aspect ratios
- Scale streams before distribution for lower bandwidth consumption
- HDMI or analog audio support
- Open encoding allows for third-party software decode (e.g. VLC)
- Compatible with WOWZA Server and other streaming services
- Seamless control via tvONE's CORIOgrapher suite

Specifications

Video Input:	HDMI w/ L-PCM audio
Resolutions:	up to 1920x1080p60, 1920x1200
Video Output (loop out):	HDMI w/ L-PCM audio,
Preview mode:	w/ optional scaling; HDMI & VGA
Resolutions:	up to 1920x1080p60, 1920x1200
Audio Support:	L-PCM audio via HDMI
Audio Line-In:	3.5mm analog stereo audio
Audio Line-Out (loop out):	3.5mm analog stereo audio
Network Connector:	RJ45
Compression Standard:	H.264/Mpeg4 Part 10 (AVC)
Bit Rates:	100Kbps to 20Mbps
Power:	100-240V AC In, 5VDC Out, 15W DIN4 Locking Power Connector
Environmental:	
Operating Temperature:	0 to 45° C
Non-Operating:	-40 to 55° C
Operating Humidity:	20 to 80% (non-condensing)
Non-Operating Humidity:	5 to 95% (non-condensing)
MTBF:	135.05 years @ 40° C
Fanless:	(no moving parts)
Warranty:	2 years

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CM-AVIP-IN-1USB-1ETH	4K streaming media input module for CORIOmaster with Dual-channel decoding and 4K local file play back w/16GB SSD storage
CM-AVIP-IN-1USB-1ETH-128	4K streaming media input module for CORIOmaster with Dual-channel decoding and 4K local file play back w/128GB SSD storage
C3-540	CORIOmaster Video processor; 4 RU chassis with 16 I/O slots
C3-510	CORIOmaster mini video processor; 1RU chassis with 6 I/O slots (1 fixed DVI input module)
C3-503	CORIOmaster micro video processor; ½ RU chassis with 3 I/O slots