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OPTiCONN
TECHNOLOGIES THAT CONNECT

MSE-200
Dual Channel H.264 Encoder, HDMI or Component Video & Audio

MSE-200

Features

- Dual channel, High Profile, H.264 encoding

- HDMI or component video and audio

- Supports RTP, UDP, TCP, RTMP & RTSP streaming

- Compatible streaming to many CDN's

- Resolutions support up to 1080P@60

- User friendly, easy to use WebUI

- Three modes: dual channel, splitter or recording

- Unicast or multicast streaming

- Space saving, compact design

The MediaSteam, MSE-200 is a powerful dual channel video encoder allowing two independent FullHD video streams to be broadcast or recorded at the same time. The MSE-200 has two HDMI or two component video/audio interfaces (mix & match) supporting up to 1080p@60, HD video inputs. Encode two independent video streams simulataneously to the same network or each channel can be stream separately on different networks. MSE-200 has a high quality, dual H.264 High-Profile codec, which enables live streaming, IPTV and multicasting applications. Additionally, this feature rich, cost effective encoder can support streaming not only for LAN applications, but also supports internet streaming protocols and streaming to the most popular CDN's such as Facebook Live, YouTube, UStream, Amazon Web Services, Akamai, Wowza and Twitch; these features make it simple to broadcast content to a virtually unlimited audience.

MSE-200

Dual Channel H.264 Encoder, HDMI or Component Video & Audio

Models

Model	Description
MSE-200	Dual channel encoder, H.264, HDMI or component video, RCA audio L/R, Unicast or Multicast UDP or RTP, TCP, RTMP, RTSP, CDN compatibilty for Wowza, Facebook Live, You-Tube, Amazon Web Services, Twitch, Akamai, and UStream, 12VDC@1.5A power adapter included

POWER LED

LAN LED'S

DATA LED'S

LEFT AUDIO IN 2

COMPONENT VIDEO IN 2

RIGHT AUDIO IN 2

LAN A

LAN B

ON/OFF

12VDC

COMPONENT VIDEO IN 1

RIGHT AUDIO IN 1

LEFT AUDIO IN 1

HDMI IN 2

HDMI IN 1

Specifications

Video Specifications	
Inputs	2ch HDMI 2ch Component Video
Input Resolutions	Auto-detect NTSC or PAL, 720p 50/60, 1080i 50/60, 1080p 25/30/50/60
Encoding Format	H.264 High/Main/Baseline Resolution 320x240 up to 1920x1080
Bit Rate Adjustment	200 Kbps to 15 Mbps
Audio Specifications	
Audio Encoding Format	AAC-LC mono/stereo
Bit Rate	64 to 512 Kbps
Connections	RCA L/R
Streaming Specifications	
Protocols	UDP (Unicast & Multicast), RTP (Unicast & Multicast) TS-TCP, RTSP, RTMP
CDN Compatibilty	Wowza, Facebook Live, UStream, Amazon Web Services, Akamai, Twitch, YouTube
Modes	Dual channel, Splitter & Record
Network Specifications	
Interface	RJ45 10/100 Mbps
Mechanical Specification	
Enclosure type	Stand-alone
Dimensions (L x W x H)	9" x 4.88" x 1.65"
Weight	1.98 lbs
Power Specifications	
Power Supply	12VDC@2A
Environmental Specifications	
Operating Temperature	0 to 50 C
Relative Humidity	0 to 80%, non-condensing
Storage Temperature	-30 to 65 C