

AvediaStream e3532

Supports 1080p 50/60 High Definition (HD) and Standard Definition (SD) encoding

MPEG-4 H.264 video encoding from devices with an HDMI™ output such as a Blu-ray Disc players and for encoding the output of digital signage systems and PCs

Supports multicast and unicast



Technical Specifications

Video Input

Single channel

HD AV, RGBHV

Resolutions supported:

525i 59.94Hz (HD AV only)

625i 50Hz (HD AV only)

720p 50Hz/59.94Hz/60Hz

1080i 50Hz/59.94Hz/60Hz

1080p 23.98Hz/24Hz/50Hz/59.94Hz/60Hz

Video Encoding

H.264 encoding at constant or variable bitrate

525i/625i: Main Profile Level 3.0 (2Mbps - 10Mbps)

720p: High Profile Level 4.0 (4Mbps - 24Mbps)

1080i/1080p24: High Profile Level 4.0 (6Mbps - 24Mbps)

1080p50/60: High Profile Level 4.2 (6Mbps - 30Mbps)

Audio Input

Unbalanced stereo

S/PDIF digital audio

HD AV Audio

Audio Encoding

MPEG-1, Layer 2

Encoding bit rate 48Kbps – 384Kbps

Audio sampling rate 48KHz

AC3 audio pass through from S/PDIF

IR Output

Control of AV source device

Network Interface

802.3 10/100BaseT Ethernet

Channel Streaming

Single program MPEG transport stream

RTP or UDP

IP multicast or one unicast address destination

Channel announcement using SAP/SDP

Network Protocols

TCP, UDP, DHCP (client), IGMP

Management

SNMP, TFTP, HTTP

Web management interface

Serial admin port

Control User Interface

Automatic or manual multicast address selection

Configure channel name, number, group membership

Stream on boot

Chassis Options

AvediaStream c1101 providing 1 Encoder

AvediaStream c1103 providing up to 3 Encoders

AvediaStream c1110 providing up to 10 Encoders

Power Consumption

10W Typical (15W Max)

More Information on MPEG Encoders

Encoder family product brochure

Encoder e2110, e2220, e2250, e2550, e3520 and e3550 Technical Specifications Datasheets

Chassis c1101, c1103 and c1110 Technical Specifications Datasheets

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