

AvediaStream e3522



Supports High Definition (HD) and Standard Definition (SD) encoding

Single channel HD component via BNC

Supports multicast and unicast

MPEG-4 H.264 video encoding from devices such as DVD players, set-top boxes and digital cameras



Technical Specifications

Video Input

Single channel
HD component, SD component and SD composite
BNC, 1V p-p, 75Ω
Resolutions supported:
525i 59.94Hz
625i 50Hz
720p 50Hz/59.94Hz/60Hz
1080i 50Hz/59.94Hz/60Hz

MPEG-4 Encoding

HD: H.264 High Profile Level 4.0
SD: H.264 Main Profile Level 3.0
525i/625i 2Mbps - 10Mbps
720p 4Mbps - 20Mbps
1080i 6Mbps - 24Mbps
Constant or variable bitrate

Audio Input

Balanced or unbalanced stereo
AES digital audio

Audio Encoding

MPEG-1, Layer 2
Encoding bit rate 48Kbps – 384Kbps
Audio sampling rate 48KHz
AC3 audio pass through from AES

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)

e3522
Blade

Chassis

C1

C3

C10

Resolution

SD

HD

More Information on MPEG Encoders

Encoder family product brochure
Encoder e2110, e2220, e2250, e2522, e2532, e2552, e3532 and e3552 Technical Specifications Datasheets
Chassis c1101, c1103 and c1110 Technical Specifications Datasheets

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