

# AvediaStream e2532

The AvediaStream e2532 supports Standard Definition (SD), MPEG4 H.264 video encoding from devices with an HDMI™ output. This includes Blu-ray Disc players, digital signage systems and the encoding of a PC's desktop.

Scales HD content to SD to create a low bitrate channel on your IP network

- Encodes video from any HDMI/VGA source
- Better quality at lower bit rates: SD with H.264 compression
- Supports multicast and unicast
- Easy Setup



## Technical Specifications

### Video Input

Single channel  
HD AV or RGBHV  
Resolutions supported:  
525i 59.94Hz (HD AV input only)  
625i 50Hz (HD AV input only)  
720p 50Hz/59.94Hz/60Hz  
1080i 50Hz/59.94Hz/60Hz

### Video Encoding

SD: H.264 MPEG-4 Main Profile Level 3.0  
525i/625i 2Mbps - 10Mbps  
Constant or variable bitrate

### Audio Input

Unbalanced stereo audio  
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, e2522, e2550, e2552, e3520 and e3550 Technical Specifications Datasheets  
Chassis c1101, c1103 and c1110 Technical Specifications Datasheets

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