

# AvediaStream e2550



Encodes broadcast quality serial digital input (SDI) in H.264 MPEG 4 Part 10

Supports multicast and unicast

Supports Standard Definition (SD) encoding



## Technical Specifications

### Video Input

Single channel  
SDI SMPTE 259M  
BNC, 75Ω  
PAL / NTSC auto-switching  
Resolutions supported: 525i 60Hz and 625i 50Hz  
4:3 aspect ratio

### MPEG-4 Encoding

H.264 Main Profile Level 3.0  
D1 video resolution  
2Mbps – 10Mbps  
Constant or variable bit rate

### Audio Input

AES digital audio  
SDI embedded audio (single audio pair from eight available)

### Audio Encoding

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

### Network Interface

802.3 10/100BaseT Ethernet

### Channel Streaming

Single program MPEG transport stream  
RTP or UDP  
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, e3520, e3530 and e3550 Technical Specifications Datasheets  
Chassis c1101, c1103 and c1110 Technical Specifications Datasheets

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