

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

Head Office: Ridge Way, Hillend Industrial Park, Dalgety Bay, Dunfermline, UK, KY11 9JD

t: +44(0) 1383 828 250 f: +44(0) 1383 824 905 w: www.exterity.com e: info@exterity.com

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