

AvediaStream e2250

Encodes broadcast quality serial digital input (SDI) in MPEG-2 or MPEG-4

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

4:3/16:9 aspect ratio

MPEG-2 Encoding

Main Profile @ Main Level

QCIF, QVGA, CIF, SIF, ½ D1, VGA and D1 video resolutions

128Kbps – 15Mbps

Constant or variable bit rate

MPEG-4 Encoding

Simple Profile @ L1, L2 and L3

QCIF, QVGA, CIF, SIF, ½ D1, VGA and D1 video resolutions

128Kbps – 15Mbps

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

Network Interface

802.3 10/100BaseT Ethernet

Channel Streaming

Single program MPEG transport stream

RTP or UDP

IP multicast or up to 10 unicast address destinations

Video or audio only options

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, e2550, 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.co.uk e: info@exterity.co.uk

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