

AvediaStream e2220

Supports Standard Definition (SD) encoding

Variety of input options: Composite, Component and RGsB

Supports multicast and unicast

MPEG-2 and MPEG-4 video encoding from devices such as DVD players, set-top boxes and digital cameras



Technical Specifications

Video Input

Single channel
Composite, RGsB, Component
BNC, 1V p-p, 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

Balanced or unbalanced stereo
AES digital audio

Audio Encoding

MPEG-1, Layer 2
Encoding bit rate 48Kbps – 384Kbps
Audio sampling rate 48KHz

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 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, e2250, e3520, e3530 and e3550 Technical Specifications Datasheets
Chassis c1101, c1103 and c1110 Technical Specifications Datasheets

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