

# MediaPOINTE DNS150

## Digital Network Streamer



The DNS150 encoder and decoder are designed for video applications that demand high quality video and audio within an efficient, cost effective form factor. These low latency devices come with a variety of connections allowing the integrator the utmost flexibility for source connectivity, providing IP transmission of DVD-quality video and CD-quality audio streams. The DNS150 series packs all of this in a compact, flexible and highly supportable appliance. The DNS150 modules feature MPEG-2 video coding and DVD-quality stereo audio.

### Product Highlights

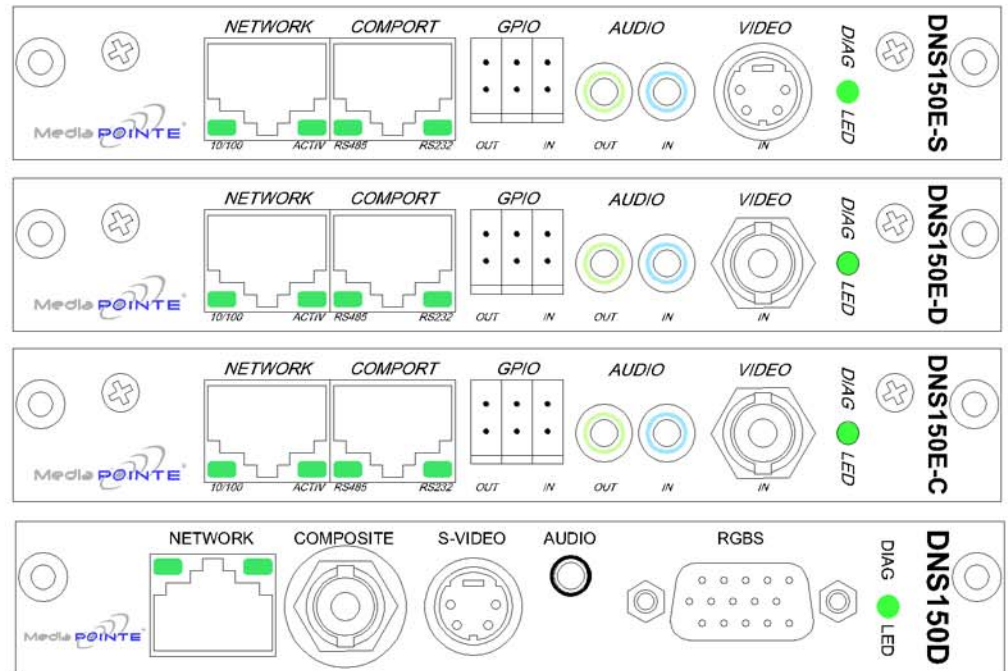
- Flexible building block architecture
- Easy to manage
- Rugged and reliable
- Composite, S-Video and SDI Interfaces

### Applications

- Education - School announcements, distance learning
- Public Safety - Remote location monitoring
- Videoconferencing - Content to overflow sites

# SPECIFICATIONS

## MediaPOINTE DNS150



### DNS150E-C (Composite Video Encoder Assembly)

Video input: composite (NTSC/PAL) BNC  
Audio input/output: stereo, line level 3.5mm

### DNS150E-S (S-Video Encoder Assembly)

Video input: S-Video (NTSC/PAL) minidin  
Audio input/output: stereo, line level 3.5mm

### DNS150E-D (Serial Digital Video Encoder Assembly)

Video input: serial digital (NTSC/PAL) BNC  
Audio input/output: stereo, line level 3.5mm

### DNS150D (Composite Video / S-Video Decoder Blade)

Video output: composite (NTSC/PAL) BNC, S-Video (NTSC/PAL) minidin  
Audio input/output: stereo, line level 3.5mm

### Video Resolutions

D1: 720h x 480/576v  
3/4 D1: 544h x 480/576v  
1/2 D1: 384h x 240/288v  
CIF: 352h x 240/288v

### MPEG-2 Video Coding

MPEG-2, ML@MP, 4:2:0  
ISO/IEC 13818-2 MPEG-2  
ISO/IEC 13818-1 Transport  
Elementary A/V (VES, AES)  
800kb/s - 15Mbs

### Audio Encoding

MPEG-1, layer 2, ISO/IEC 11172-3

### Audio Decoding

MPEG-1, layer 2, ISO/IEC 11172-3

### Protocol

TCP/IP, HTTP, UDP streaming, supports SAP, IGMP-2,  
Unicast, multicast, SNMP control raw

### Connectivity

1 LAN/Ethernet 10/100 base-T, Auto detect half/full duplex  
1 RJ-45 comport (encoder only)  
GPIO - 2 input / 2 output (encoder only)

### Control

Web interface  
Serial device control via TCP/IP (encoder only)

### Power

5 V DC, 4W (each blade)  
Single of dual 100-240 V A/C 50/60 Hz power supply

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