

MediaPOINTE DNS100 & DMMS

Digital Network Streamer



The DNS100 is designed for video applications that demand high quality video and audio within an efficient form factor. Up to 21 Encoder / Decoder blades can be housed in the Digital Media Management System (DMMS). Dual power supplies are provided to maximize reliability. Any combination of encoders and decoders is supported. The DNS100 series provides a versatile network video/audio source in one compact, simple and low-cost solution: IP transmission of DVD-quality video and CD-quality audio streams, packed in a compact, flexible and highly supportable “blade-based” appliance.

Product Highlights

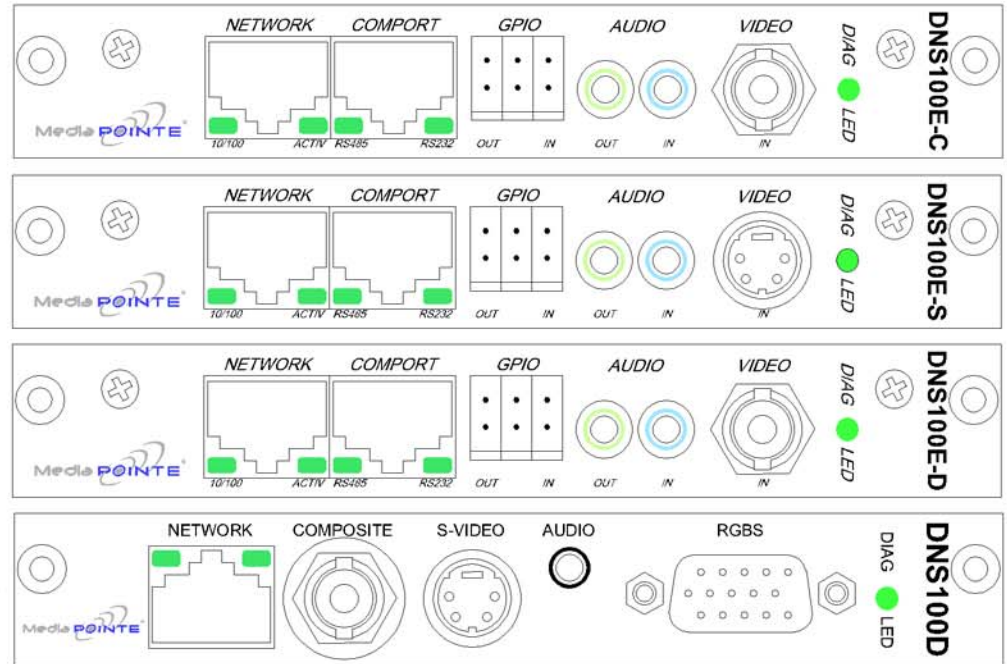
- Flexible building block architecture
- Central hub for easy management
- Dual power supplies for enhanced reliability
- Scalable for large implementations

Applications

- Public Safety -Central security monitoring
- Education - Learning channel
- Telemedicine - Real-time patient care

SPECIFICATIONS

MediaPOINTE DNS100



DNS100E-C (Composite Video Encoder Blade)

Video Input:: Composite (NTSC/PAL) BNC
Audio Input/Output: Stereo, Line Level 3.5mm

DNS100E-S (S-Video Encoder Blade)

Video Input:: S-Video (NTSC/PAL) minidin
Audio Input/Output: Stereo, Line Level 3.5mm

DNS100E-D (Serial Digital Video Encoder Blade)

Video Input:: Serial Digital (NTSC/PAL) BNC
Audio Input/Output: Stereo, Line Level 3.5mm

DNS100D (Composite Video / S-Video Decoder Blade)

Video Output: Composite (NTSC/PAL) B, S-Video (NTCS/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 or dual 100-240 V A/C
50/60 Hz power supply

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