

AN-DV-E1 series multiplexers are designed to send **Video & Audio signal over the E1 G.703/704 lines** in effective, efficient and reliable way

DESCRIPTION

AN-DV-E1 series E1 video coder & decoder, mainly used in long-distance video monitoring, have function of E1 single directional transmitting video signal.

It is ensured that any device with E1 interface, such as PBX, Mobile base station, SS7 signaling device and voice post system, can seamlessly connect to E1 video coder & decoder. Also, E1 video coder & decoder can be applied in E1 based communication system, such as: LAN, WAN, MAN and wireless network.

FEATURES

- Video over E1 transparent transmission;
- Optional 1 inverted data channel of RS485/422/232/Manchester;
- Optional 1 positive directional data channel of 485/422/232/Manchester
- Optional 1 inverted audio channel
- Optional 1 positive directional audio channel
- E1 single directional transmission signal at fractions (N*64K), according with G.703/704
- High transmission efficiency, low transmission delays;
- High quality of video signal, video cameras can be controlled by PTZ using RS-232/485 interfaces
- Console port for configuration issues;

<p>E1 interface Standard: E1 interface compatible with G.703 standard. Rate: n*64 kbps (n=10-31) Coding: HDB3 Impedance: 75Ω (unbalance), 120Ω (balance) Connector: BNC (75Ω), RJ45 (120Ω) Jitter Performance: According to G.742 and G.823</p>	<p>Asynchronous data Interface: RS232/RS485/RS422/ Manchester Working mode: Full / half duplex Transmit rate: 300~115.200Kbps Error code rate: $<1 \times 10^{-9}$ Data connector: RJ45</p>	<p>Console Interface: RS232 Working mode: Full/half duplex Baud rate: 9600 Data bit: 8 Odd & even: none Stop bit: 1 Data stream control: none BACKSPACE choice: ctrl+h, space Data connector: RJ45</p>
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Video interface

Format: PAL/NTSC

Video Signal: 1VP-P

Video Impedance: 75Ω

Bandwidth: 8MHz

Digitization: 8bit

DG: 1% (Typical value)

DP: 1° (Typical value)

SNR: 67dB (Typical value)

Color brightness time extension difference: 10ns (Typical value)

Color brightness gain difference: ±10% (Typical value)

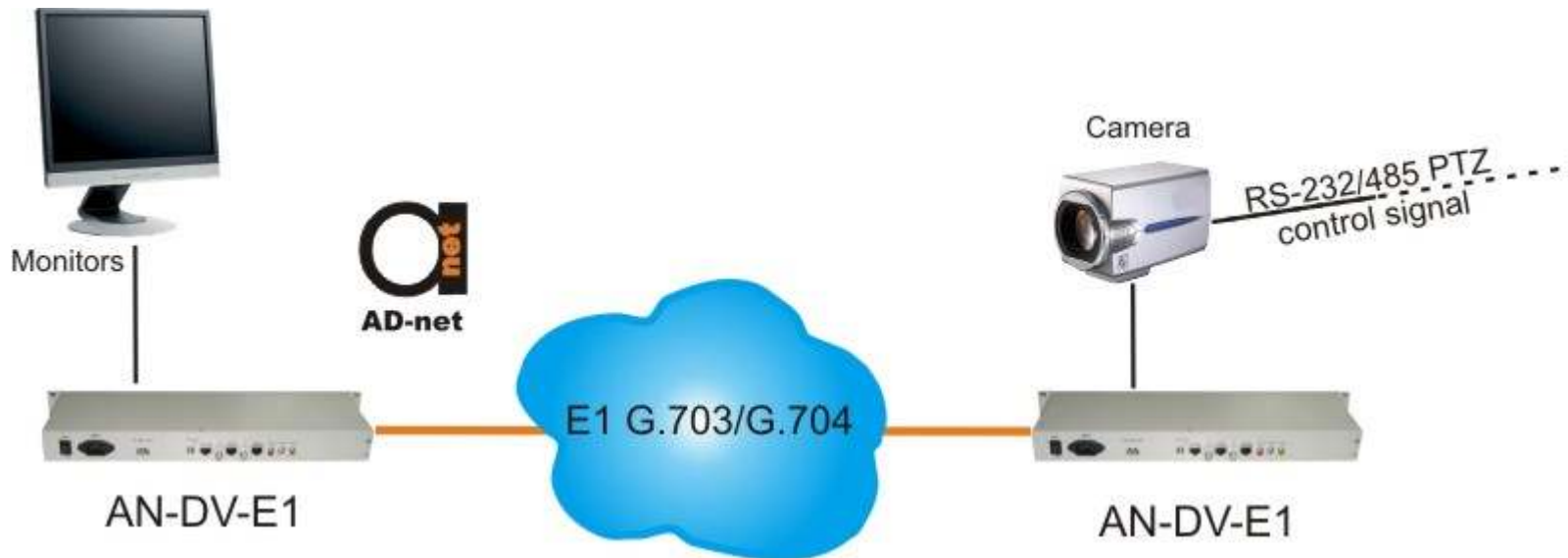
Compression algorithm: H264 (accord with ISO/IEC qua 14496-10 international standard)

Video input: 1 complex TV signal CVBS

Connector: RCA

Sample frequency: 7.27MHz

Data deal format: ITU-R BT.656 YCrCb 4:2:2



AN-DV-E1/T

Video over E1, 1 channel positive-direction video transmitter, E1 support BNC(75ohm) and RJ45(120ohm), AC110-220V or DC48V

AN-DV-E1/R

Video over E1, 1 channel positive-direction video receiver, E1 support BNC(75ohm) and RJ45(120ohm), AC110-220V or DC48V

AN-DV-E1-DT

Video over E1, 1ch positive-direction video +1 channel reverse RS485 data transmitter, E1 support BNC(75ohm) and RJ45(120ohm), 110-AC220V, or DC48V

AN-DV-E1-DR

Video over E1, 1ch positive-direction video + 1 channel reverse RS485 receiver, E1 support BNC(75ohm) and RJ45(120ohm), AC110-220V, DC48V

Address : Perpa Ticaret Merkezi, A Blok No.516 Şişli/İstanbul | Tel : +90 212 3204030 | Fax : +90212 3200255 | e-mail : info@telcolink.com

www.telcolink.com

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Haberleşme sistemlerinde **yüksek performansı yakalayın**

