

HD-CVI/TVI/AHD Digital Fiber-Optic Transmission Equipment (ANHD18FDV100TR)



Overview

The fiber multiplexers simultaneously transmit 1-72 channels of digitally encoded broadcast quality video over one multimode or single mode optical fiber. The converters are directly compatible with NTSC, PAL, OR SECAM CCTV camera systems. Plug and Play design ensures ease of installation and operation. Devices are available for either standalone or rack-mount installation.

Features

- Can be installed into centralized management 19" rack.
- Plug and play
- Support FC(default), ST or SC optical interface.
- EMI, RFI and return circuit in common ground.
- 8-Bit Digital encoded and non-compression video transmission
- Simultaneous Signal over one fiber: Video, Data, Audio, Contact Closure, Telephone and Ethernet transmission.
- RS-232, RS-422, RS-485 Data Controls
- Compatibility with NTSC, PAL, SECAM

Technical parameter

Video (1~72ch, forward/ reverse/ BIDI)	
Video input/output impedance	75ohm(unbalance)
Video input/output voltage	1.0Vp-p
Video voltage range	06~2.0Vp-p
Differential gain (10%-90%APL)	<1%
S/N ratio	>60dB(8Bit)
Physical Interface	BNC
Data (forward/reverse/BIDI)	
Physical interface	RS232/RS485/RS422, Manchester, Bi-phase, etc
Communication rate	0~300kbps
Bit error rate	10 ⁻⁹
Physical Interface	Phoenix terminal blocks
Audio(forward/reverse/BIDI)	
Audio input/output impedance	600 Ohm(unbalance)
Audio input/output voltage	2.0V p-p(max)
Frequency response	20Hz~20kHz
Audio digital bit wide	25bit DVD
SNR	>=95dB
Physical Interface	Phoenix terminal blocks
Contact Closure(forward/reverse/BIDI)	
Signal input	Any active or passive alarm, switch quantity input, supports TTL, RS232/422/485 or passive switch, button
Signal output	Any active or passive alarm, switching output, TTL, RS232/485 or relay contacts outputs
Physical Interface	Standard Phoenix terminals