Video Digital Optical Converter

ANFDZ400TR



Product Overview

Video digital optical converter takes use of advanced digital fiber optic transmission technology, through one fiber to achieve multi-channel video, long-distance, high-quality transmission. This serial Optical Converter can provide you stable performance, clear picture quality. In addition to video and it can transmit other data, such as: RS485, Audio, Ethernet, telephone, E1 interface, we can make flexibly customized products according to requirements. Devices are available for either standalone or rack-mount installation, can be simply installed without the need for on-site commissioning, and are also suitable for different working environment.

Product Features

- -Digitally encoded and non-compression Support high-resolution video
- -Automatic compatible with PAL SECAM NTSC video format, etc.
- -No crosstalk of optical converter with FM, PM, AM
- -Automatic power control, Automatic Overload protection, Automatic temperature compensation circuits.
- -Stand-alone type or card-type installed in 19" 2U or 4U rack- mount Chassis
- -Support a variety of signal interface: Video, RS485, RS232, audio, Ethernet telephone, E1, dry contact etc.

Product specifications

Optical interface Transmission distance Wavelength Video Parameters Video interface Video input/output impedance Video input/output voltage Frequency Response Compatible video formats Differential gain (10% - 90% APL) Video SNR PAL SECAM NTSC Video SNR Data Parameters Physical Interface Phoenix terminal Encoded type Data rate Defaulting and the face Input/output impedance Data rate Phoenix terminal Input/output impedance Defaulting and the face Input/output impedance Data rate Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity O-95% Without condensation Operating Voltage DC-5V/1A	Optical Parameters	
Video Parameters Video interface BNC Video input/output impedance 750hm Video input/output voltage 1Vpp Frequency Response 5Hz-7.5MHz Compatible video formats PAL SECAM NTSC Differential gain (10% - 90% APL) < 1.5% Differential phase (10% - 90% APL) < 1.7 Video SNR > 65dB Data Parameters Physical Interface Phoenix terminal Encoded type RS485/RS422/RS232/Manchester Data rate 0-400Kbps BER < 10-9 Audio Parameters Physical Interface Phoenix terminal Input/output impedance 6000hm (Unbalanced) Data rate 0-400Kbps SNR > 95dB Switch Parameters Physical Interface Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity 0-95% Without condensation	Optical interface	SC ST FC LC Optional
Video Parameters Video interface BNC Video input/output impedance 75ohm Video input/output voltage 1Vpp Frequency Response 5Hz-7.5MHz Compatible video formats PAL SECAM NTSC Differential gain (10% - 90% APL) < 1.5% Differential phase (10% - 90% APL) < 1.7 Video SNR > 65dB Data Parameters Physical Interface Phoenix terminal Encoded type RS485/RS422/RS232/Manchester Data rate 0-400Kbps BER < 10 -9 Audio Parameters Physical Interface Phoenix terminal Input/output impedance 600ohm (Unbalanced) Data rate 0-400Kbps SNR > 95dB Switch Parameters Physical Interface Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity 0-95% Without condensation	Transmission distance	Up to 100KM
Video interface BNC Video input/output impedance 750hm Video input/output voltage 1Vpp Frequency Response 5Hz-7.5MHz Compatible video formats PAL SECAM NTSC Differential gain (10% - 90% APL) < 1.5% Differential phase (10% - 90% APL) < 1.7 Video SNR > 65dB Data Parameters Physical Interface Phoenix terminal Encoded type RS485/RS422/RS232/Manchester Data rate 0-400Kbps BER < 10-9 Audio Parameters Physical Interface Phoenix terminal Input/output impedance 6000hm (Unbalanced) Data rate 0-400Kbps SNR > 95dB Switch Parameters Physical Interface Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity 0-95% Without condensation	Wavelength	1310/1550nm
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Compatible video formats Differential gain (10% - 90% APL) < 1.5% Differential phase (10% - 90% APL) < 1.7 Video SNR > 65dB Data Parameters Physical Interface Phoenix terminal Encoded type RS485/RS422/RS232/Manchester Data rate 0-400Kbps BER < 10-9 Audio Parameters Physical Interface Phoenix terminal Input/output impedance 600ohm(Unbalanced) Data rate 0-400Kbps SNR >95dB Switch Parameters Physical Interface Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity -55dB	Video input/output voltage	1Vpp
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Video SNR > 65dB Data Parameters Physical Interface Phoenix terminal Encoded type RS485/RS422/RS232/Manchester Data rate 0-400Kbps BER < 10'9 Audio Parameters Physical Interface Phoenix terminal Input/output impedance 600ohm(Unbalanced) Data rate 0-400Kbps SNR >95dB Switch Parameters Physical Interface Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity 0-95% Without condensation	Differential gain (10% - 90% APL)	< 1.5%
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Physical Interface Encoded type RS485/RS422/RS232/Manchester Data rate Do-400Kbps BER C 10 ⁻⁹ Audio Parameters Physical Interface Phoenix terminal Input/output impedance Data rate Do-400Kbps SNR Switch Parameters Physical Interface Phoenix terminal Input/output impedance Data rate Phoenix terminal Input/output impedance Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity O-95% Without condensation	Data Barameters	
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Physical Interface Phoenix terminal Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button General indicators Operating Temperature -20 ° C ~ +60 ° C Humidity 0-95% Without condensation	SNR	>95dB
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Humidity 0-95% Without condensation		-20 ° C ~ +60 ° C
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