Analog Video Converter

Features

Video Optical Converter adopt the advanced international digital video and optical fiber transmission technology and implement the transmission of real-time & synchronization, no-distortion and high quality video effect, which can meet the user's requirementthe play-and-plug design makes the installation more convenient and easier, and it is unnecessary to implement the spot adjustment.

Its optical module and core circuit adopt the imported components that have high stability, and all optical & electrical interfaces conform to the international standards, which is applied to the different working environment. This optical transceiver with video status indication can monitor the normal operation of system

- Card type or independent structure, which is applied to centralized management 4U framework
- 8-bit digital code and non-compression type video transmission
- 5Hz-10MHz video channel
- Automatic compatible PAL, NTSC and SECAM video system
- With APC circuit, constant input optical power, and large dynamic range
- Kilomega optical fiber transmission, large capacity, and easy to upgrade
- Power supply and other parameter state indication, which can monitor the operation condition of system
- Support no-damage regenerative trunk of video
- Advanced self-adapting technology, and it is unnecessary to implement the adjustment of spot electrics or optics when using
- Industry-grade design and modularization design make the equipment reliable and flexible
- Can automatically restore the fuse of power supply
- Full built-in power supply, and the appearance design of shell is unique

Model : W-VD1AD

Model : W-VD2AD

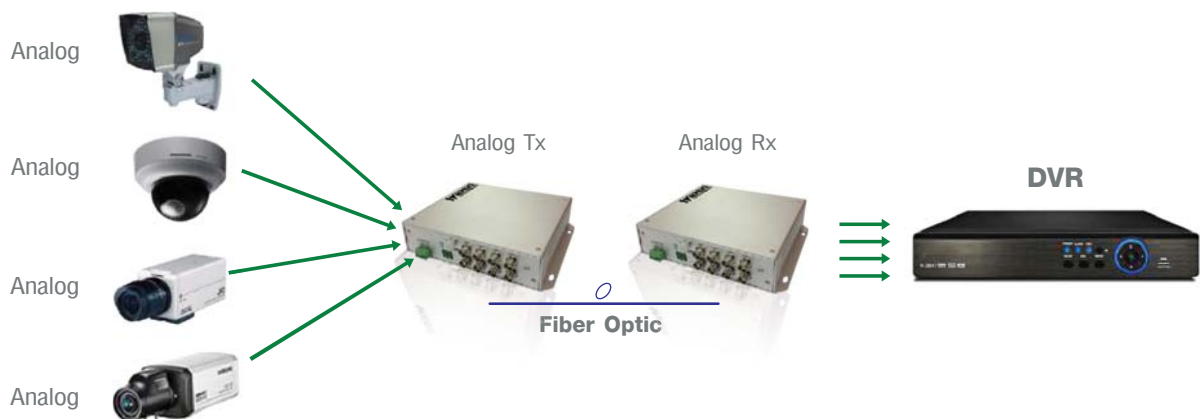Model : W-VD4AD

Model : W-VD8AD

เงื่อนไขการรับประกัน

- น้อยกว่า 7 วัน : เปลี่ยนตัวใหม่ทันที
- น้อยกว่า 1 ปี : ทำการตรวจเช็คประมาณ 3 วัน (เวลาทำงาน), เปลี่ยนตัวใหม่
- มากกว่า 1 ปี : ทำการตรวจเช็คประมาณ 20 วัน (เวลาทำงาน)

Full HD 1080p   FC   CE   WARANTY 3 YEARS

Specification

Type	Description
Wavelength	1310 nm
Output Power	-8~3 dBm
Optic Fiber	50/125u multimode,9/125u singlemode
Optical Connector	FC (ST/SC Optional)
Distance	0~550 M (MM) / 0~20KM (SM)
Port	One Optical port : FC 1,2,4,8 port BNC Connector 1 Data , 1 Audio (2,4,8 Optional)
Input/Output Impedance	BNC 75Ω (Unbalance)
Standard Video Input/Output Voltage	1.0 Vp-p
Video Bandwidth	45 MHz
Sampling Bandwidth	10 bit
Sampling Frequency	108 MHz
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	$< \pm 1.5\%$
Differential Phase	$< \pm 1°$
Connector	BNC
Power	DC 5V 2A
Power Consumption	≤ 6W
Temperature	-40 ˚C ~ +40 ˚C
Humidity	10% ~ 90% RH
Unit Weight	1ch:1.1kg (pair), 2ch:1.1kg (pair), 4ch:1.8kg (pair), 8ch:2.15kg (pair)
Dimensions	1ch : 108mm×106mm×27mm 2ch : 108mm×106mm×27mm 4ch : 173mm×173mm×30mm 8ch : 173mm×167mm×45mm
Installation	Wall mount
MTBF	≤ 100,000Hours

Analog

Analog

Analog Tx   Analog Rx   DVR

Analog

Fiber Optic

Analog

3 IN 1 *Video Converter (AHD, HD-TVI, HD-CVI)*

Features

Model : W-3VD1NN

Fiber optical HD converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the HD composite signals to optical signals to achieve long distance (as far as 80Km) transmission through fibers

- Support : AHD , HD-TVI , HD-CVI
- Non-compression coding technology
- Automatically identify formats of input videos
- Support transmission of 1/2/4/8 channel HD signal and controlling data simultaneously though coaxial cable
- DC 5V power supply
- Support 720P/25,720P/30,720P/50,720P/60,1080P/25, 1080P/30 videos etc.
- Through LED indicators to inform its functional mode
- Industrial wide range of operational temperature
- Plug and play, simple installation

Model : W-3VD2NN

Model : W-3VD4NN

Model : W-3VD8NN

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- น้อยกว่า 1 ปี : ทำการตรวจเช็คประมาณ 3 วัน (เวลาทำงาน), เปลี่ยนตัวใหม่
- มากกว่า 1 ปี : ทำการตรวจเช็คประมาณ 20 วัน (เวลาทำงาน)

Full HD 1080p   FC   CE   WARRANTY 3 YEARS

Specification

Type	Description
Wavelength	Transmitter 1310nm&1550nm / Receiver T1550nm,R1310nm
Output Power	-8~3 dBm
Optic Fiber	50/125u multimode,62.5/125u multimode,9/125u singlemode
Optical Connector	FC (ST/SC Optional)
Distance	0~550 M (MM) / 0~20 KM (SM)
Port	One Optical port Single mode : FC (9/125 µm) 1,2,4,8 port BNC Connector
Input/Output Impedance	BNC 75Ω (Unbalance)
Standard Video Input/Output Voltage	1.0 Vp-p
Video Bandwidth	45 MHz
Sampling Bandwidth	10 bit
Sampling Frequency	108 MHz
Rise and Fall time	<0.8 ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	< $\pm$1.5%
Differential Phase	< $\pm$ 1°
Connector	BNC
Power	DC 5V 2A
Power Consumption	≤ 5W
Temperature	-40 $^\circ$C ~ +40 $^\circ$C
Humidity	10% ~ 90% RH
Unit Weight	1ch:1.1kg (pair), 2ch:1.1kg (pair), 4ch:1.8kg (pair), 8ch:2.15kg (pair)
Dimensions	1ch : 108mm×106mm×27mm 2ch : 108mm×106mm×27mm 4ch : 173mm×173mm×30mm 8ch : 173mm×167mm×45mm
Installation	Wall mount
MTBF	≤ 100,000Hours

Camera

Camera

Camera

Camera

Tx   Rx   DVR

Fiber Optic