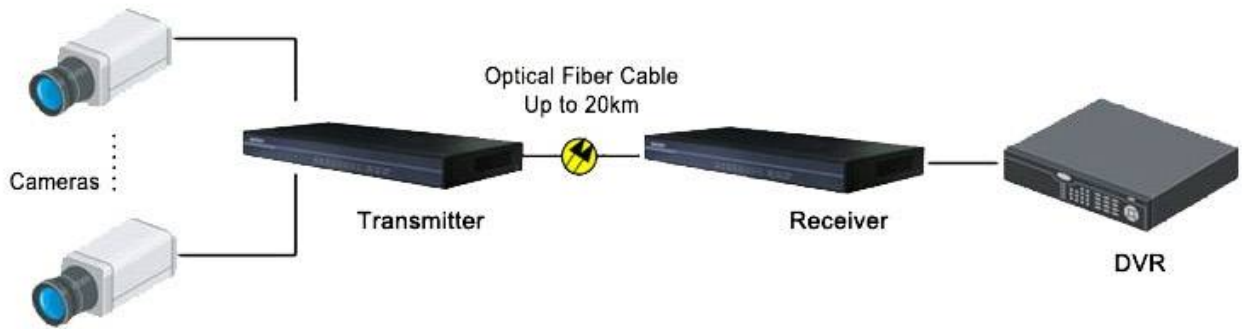


AHD/CVI/TVI to Fiber Converter

Diagram of the AHD/CVI/TVI Videos to Fiber Converter



AHD/CVI/TVI to Fiber Converter is designed to transmit AHD/CVI/TVI HD Videos over optic fiber cable, with which we can transmit up to 16-channel videos and 1-channel optional RS485 data over one simplex optic fiber, Long Distance, Lossless, Non-compression, Real-time transmission. Well used in CCTV.

Features:

1) High definition, real-time	4) UPnP, easy installation, (Universal Plug and Play)
2) Support HDCVI video format 720P, 960P, 1080P	5) Industrial wide temperature design
3) Rich LED lights, diagnostics indicator	6) Support user customization and OEM

Technical Specifications:

Product	4ch HD Video Optical Transceiver	8ch HD Video Optical Transceiver	16ch HD Video Optical Transceiver
Model	HD-4V-T/R	HD-8V-T/R	HD-16V-T/R
Physical Port	FC(SM fiber), 4*BNC	FC(SM fiber), 8*BNC	FC(SM fiber), 16*BNC
Transmission Distance	0-20km	0-20km	0-20km
Input Auto Cable Balance	1080p: 75-5 @ 300m 720p : 75-5 @500m	1080p: 75-5 @300m 720p : 75-5 @500m	1080p: 75-5 @300m 720p : 75-5 @500m
Input/Output Impedance	75Ω	75Ω	75Ω
Sampling Bandwidth	8bit	8bit	8bit
Power	DC5V	DC5V	AC 90-260V
Power Consumption	<4W	<5W	<8W
Application Humidity	10%—90%	10%—90%	10%—90%
High&Low temperature	- 20~70 Degrees Celsius	- 20~70 Degrees Celsius	- 20~70 Degrees Celsius
Gross Weight			
Dimension(W×D× H)			
Installation	DIN rail, Wall mount	DIN rail, Wall mount	Rack-mounted, Wall mount

Optical Specifications:	
Wavelength	1310nm&1550nm
Output Power	-6~-2dBm
Rx sensitivity	-22dBm
Transmission Distance	9/125u single mode, 20km
Optical connector	FC、ST、SC (optional)

Video Specifications:	
Input/output impedance	75Ω
Physical Port	BNC port
Standard video input/output voltage	1.0Vp-p
Video Bandwidth	60MHz
Sampling Bandwidth	10bit
Sampling Frequency	120MHz
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	< ±1.5%
Differential Phase	< ±1°
Data Specifications:	
Data protocol	RS485
Data rate	0~200 Kbps
Error rate	< 10 ⁻⁹
Connector	Standard terminal lead

Other Specifications:			
Power	DC5V 2A		
Power Consumption	≤7.5W		
Temperature	-30°C ~75°C		
Humidity	10%~90% RH		
Installation	Wall mount		
MTBF	≥ 100000Hours		
Case material	Aluminum		
Packing:			
Item	Dimension (mm)	Package Size (mm)	GW (kg)
1ch (720P,960P,1080P)			
2ch (720P,960P)			
4ch (720P,960P,1080P)			
8ch (720P,960P,1080P)			
16ch (720P,960P,1080P)			

* Design and specifications are subject to change without notice.

Product Pictures:

4-CH HD VIDEO TO FIBER CONVERTER 720P



8-CH HD VIDEO TO FIBER CONVERTER 720P



4-CH HD VIDEO TO FIBER CONVERTER 1080P



8-CH HD VIDEO TO FIBER CONVERTER 1080P

