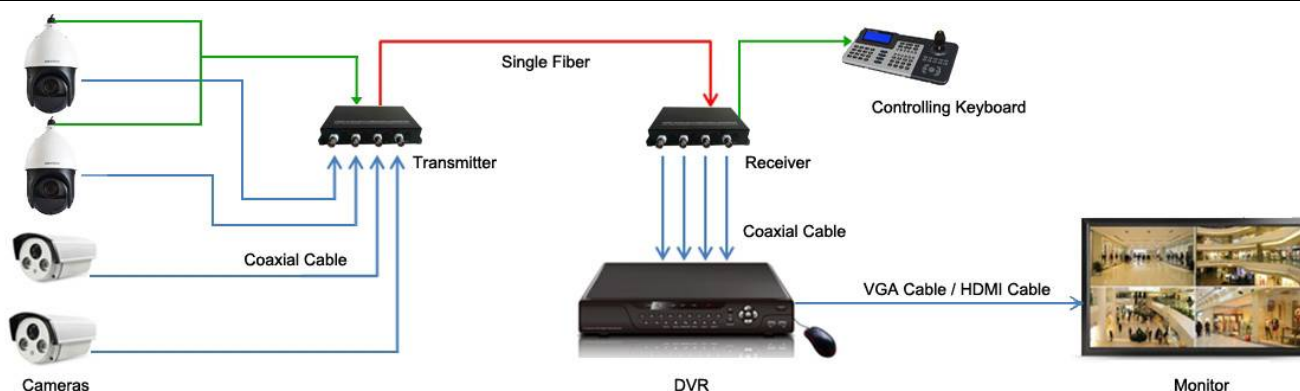



# 4 Channel TVI with one Reverse RS485 to Fiber Converter



**4 channel TVI with one Reverse RS485 to Fiber Converter** is designed to transmit 4 channel TVI HD Videos and 1 channel Reverse RS485 controlling data over optic fiber cable, with which we can transmit 4-channel videos and 1 channel Reverse RS485 data over one simplex optic fiber, Long Distance, Lossless, High definition, 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 HDTV 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	4 channel 1080P TVI with one Reverse RS485 to Fiber Converter
Model	TVI-4V1D-1080P-T/R
Physical Port	FC(SM fiber), 4 x BNC
Transmission Distance	0-20km
Input Auto Cable Balance	1080p: 75-5 @300m, 720p : 75-5 @500m
Sampling Bandwidth	8bit
Power adapter	AC 90-260V input, DC 5V2A output,
Power Consumption	<5W
Application Humidity	10%—90%
Gross Weight	1.60 kg/pair
Dimension(W×D× H)	160 x 130 x 30 (mm)

<b>Optical Specifications:</b>	
Wavelength	1310nm
Output Power	-6~-2dBm
Rx sensitivity	-22dBm
Transmission Distance	9/125u single mode, 20km
Optical connector	FC / ST / SC (optional)
<b>Video Specifications:</b>	
Input/output impedance	75Ω
Physical Port	BNC port
Standard video input/output voltage	1.0Vp-p
Video Bandwidth	60MHz
Sampling Bandwidth	8bit
Sampling Frequency	120MHz
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	< ±1.5%
Differential Phase	< ±1°
<b>Data Specifications:</b>	
Data protocol:	RS485
Data Rate:	0-300 Kbps
Error Rate:	< 10 <sup>-9</sup>
Connector:	Screw terminal strip
<b>Other Specifications:</b>	
Humidity	10%~90% RH
Working temperature	-10 to +70 degree Centigrade
Installation	Wall mount
MTBF	≥ 30000Hours
Case material	Metal
<b>Packing in the box: 1x Transmitter, 1x Receiver, 2x Power adapters,</b>	
	

\* Design and specifications are subject to change without notice.