



**Model: HDTVI Series**

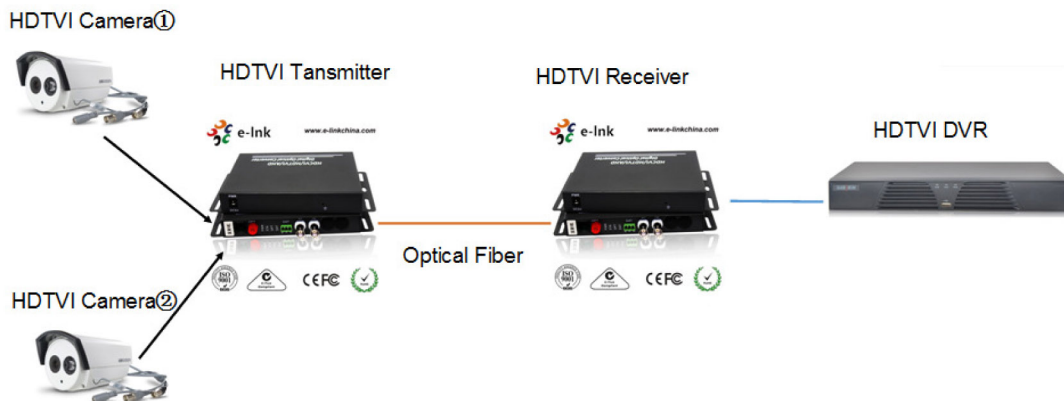
**Overview**

Sec-on HDTVI to fiber converters adopt the advanced uncompressed HDTVI composite video and high velocity digital optical transmission technologies which convert the HDTVI composite signals to optical signals to achieve long distance(as far as 20Km) transmission through fibers.

**Features**

- Non-compression coding technology
- Automatically identify formats of input videos.
- Support transmission of HDTVI Video signal and controlling PTZ data RS485 simultaneously through fiber optical cable
- DC 5V2A power supply
- Support 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.

**Application**



**Technical Indexes**

Fiber	FC, Single Mode Single Fiber
Transmission Distance	0-20km
Wavelength	Transmitter: 1310nm(Tx)/1550nm(Rx)
	Receiver: 1550nm(Tx)/1310nm(Rx)

Transmitter Input Level	>500mVp-p
Receiver Output Level	1Vp-p
Self-adaption cable equilibrium	1080p: 75-5 coaxial cable, 300m 720p: 75-5 coaxial cable, 500m
Transmitter Input Return Loss	>15dB
Input/Output Impedance	75Ω
Video Physical Interface	BNC
Video Channel	1-Ch~16-Ch
Video bandwidth	50MHz
Sampling Bandwidth	10 bit
RS485	1-Ch Backward RS485 (Optional)
Indicators	OPT, PWR, DATA, VIDEO
Power	DC 5V2A or AC220V
Power Consumption	≤7W