

Product: 16CH HDTVl to Fiber Converter



Model: SCN-HDTVl Series

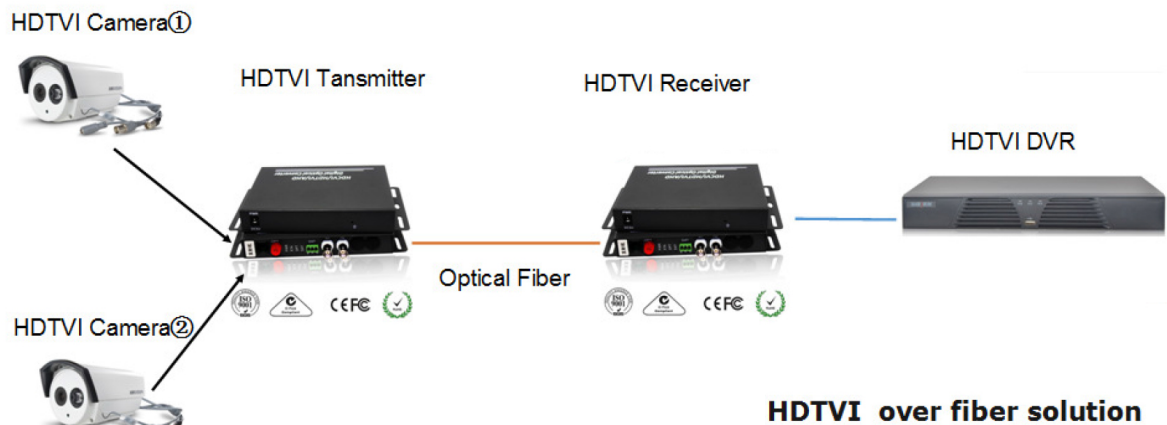
Overview

Sec-on HDTVl to fiber converters adopt the advanced uncompressed HDTVl composite video and high velocity digital optical transmission technologies which convert the HDTVl 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 HDTV Video signal and controlling PTZ data RS485 simultaneously through fiber optical cable
- AC220V 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	AC220V
Power Consumption	≤7W
Operation Humidity	10%~90%
Operation Temperature	-30°C~75°C