



Technical Specification of S-1V1bD-ACT-T/R 1080P Resolution AHD&CVI&TVI



Description:

S-1V1bD-ACT-T/R Series produces coaxial digital high-definition optical video converter (hereinafter referred to as the coaxial HD optical transmitter and receiver) is analog HD video HD-AHD, HD-CVI, signal HD-TVI turn optical fiber transmission of high speed optical fiber transmission products. Coaxial HD optical video converter integrates advanced high-speed optical fiber communication technology and digital video technology and data communication technology, and the high reliability of the large scale application specific integrated circuit and the surface mount technology, applied to one of the remote high-resolution real-time video monitoring transmission advanced products.

Feature:

- ◆ Advanced lightning protection design, support 5.7KV lightning protection.
- ◆ Industrial design, SMT technology.
- ◆ Digital optical fiber transmission platform, multi service platform with flexible configuration.
- ◆ Provide desktop plug-in frame, concentrated in 2 ways.
- ◆ Independent intellectual property rights of large scale integrated circuit core.
- ◆ Single fiber transmission, Optional 20KM, 40KM, 60KM, 80KM, 100KM, 120KM long distance transmission.
- ◆ Support 30 million standard video and 1280X720P/30Hz and 1280PX960P/30Hz and 1280X720P/50Hz and 1920X1080P/30HZ resolution pixel camera, analog coaxial HD video, studio grade transmission quality.
- ◆ Uncompressed video transmission real-time transmission, to guarantee the best effect.



Specifications:

parameters	Video input and output impedance	75Ω(non-equilibrium)
Video parameters	Standard video input / output voltage	1.0Vp.p Type
	Support camera pixels	30 million、100 million、130 million、200 million
	Video pixel	Standard clear video 1280 (H) * 720 (V) /30Hz 1280 (H) * 720 (V) /50Hz 1280 (H) * 960 (V) /30Hz 1920 (H) * 1080 (V) /30Hz
	Differential gain (10%-90% APL)	<±1% Type
	Differential phase (10%-90% APL)	<±1% Type
	Signal to noise ratio	>60dB (8Bit)
	Channel physical interface	BNC
optical parameters	wavelength	1310nm&1470nm-1610nm
	Fiber type	50/125umultimode、62.5/125umultimode、9/125usingle mode
	optical output power	-3~-9dBm
	Receiver sensitivity	-26dBm
	Optical Connectors	FC,ST,SC
General parameters	Working power supply	110V~240V AC adaptive
	Operation Humidity	0~95%
	working temperature	-0°C~60°C
	storage temperature	-40°C~85°C



Ordering information

Model	Description
S-1V1bD-ACT-T	Transmitter ,1-CH video, FC, Single-mode, Single fiber, 20KM, support 720P,960P,1080P, support HD-AHD,HD-CVI,HD-TVI, support 1Ch Reverse Data, video converter
S-1V1bD-ACT-R	Receiver,1-CH video, FC, Single-mode, Single fiber, 20KM, support 720P,960P,1080P, support HD-AHD,HD-CVI,HD-TVI, support 1Ch Reverse Data, video converter



Technical Specification of Sepitam-1V1bD-ACT-T/R

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