

Video Optical Transceiver

1-Channel (Mini) Video/Data Digital Optical Converter

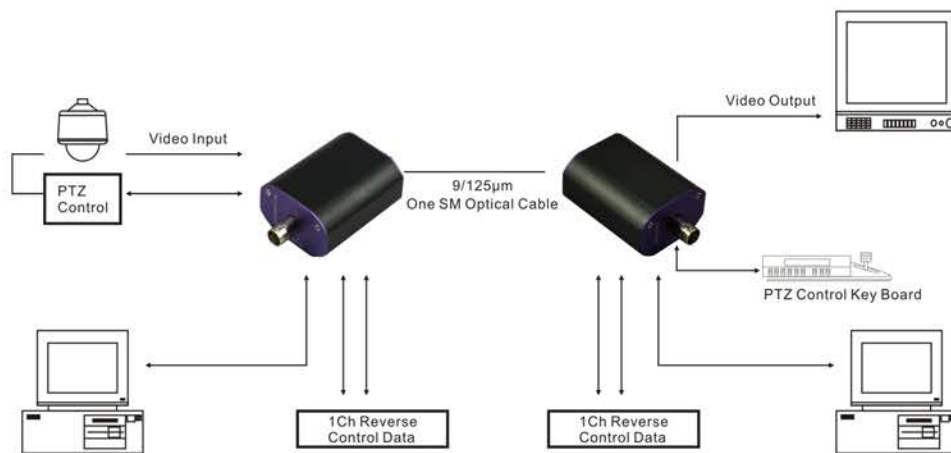
FEATURES

- Advanced process design, remarkable performance, small size design make it possible for special applications, such as inside the camera, directly mount on the video interface of the camera, ect;
- 10-digit coding and non-compression video transmission;
- Automatically reply for overloading protection;
- Status indicating;
- No electromagnetic, frequency and ground current interference;
- Surface mounted technology;
- Advanced auto-adaptive technology avoiding on-site electric or optical adjustment;
- LED status indicating the operation of the surveillance;

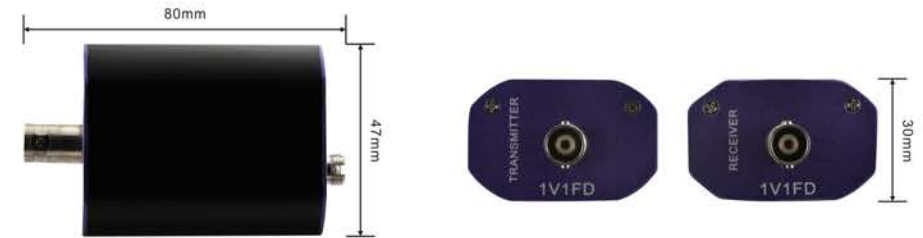
APPLICATIONS

- Intelligent Transportation System
- Connection of Sub-network for Surveillance Center
- Public Security Surveillance
- High Way & Toll Station Surveillance
- High Quality Video Conference
- Industrial Closed Circuit Television Surveillance
- TV-live ,audio, phone, Ethernet, transmission

CONNECTING APPLICATION



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TECHNICAL SPECIFICATIONS

Video Specification	Port	1			
	Video interface	BNC			
	Video in/output impedance	75Ω			
	Video in/output voltage	(typical)1.0Vp-p max 1.5Vp-p			
	Bandwidth	5-8MHz			
	Differential gain	<1% (typical)			
	Differential phase	<0.6°			
	SNR	≥68dB			
	Field gradient	<0.5%			
	Data Characteristics	Physical connector	phoenix contact (DATA)		
Data connector		RS-485/422,RS232			
Channels of data		forward and reverse path data multi-channels			
Interface port		Industrial standard interface port			
Environment Specification	Working temperature(°C)	-30~+75			
	Storage temperature(°C)	-40~+85			
	Relative humidity	0~95%			
Optical Budget	Fiber type	MM	SM	SM	SM
	Budget	20dBm	20dBm	22dBm	25dBm
	Transmission Distance	2km	20km	40km	60km
	Dimension(mm)	80x47x30			
Other Specification	Rated voltage	AC220V/50Hz			
	Power supply	DC 5V/1A			
	Power	≤5W			
	Sampling rate	15MHZ			
	MTBF	≥100,000h			