



FIBER OPTIC MULTIPLEXER VIDEO/DATA/AUDIO/ETHERNET/TELEPHONE

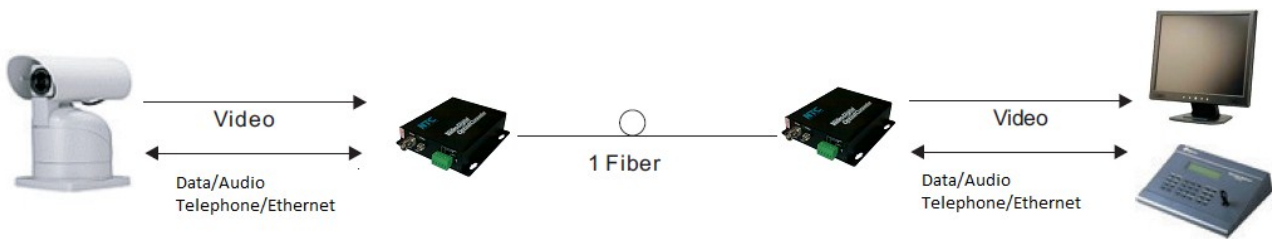
Our 1-64 channel video multiplexers can simultaneously transmit 1-64 channels of 8-bit digitally encoded broadcast quality video / return or bidirectional data / unidirectional or bidirectional audio / Ethernet / Telephone / Switching value over one multimode or singlemode optical fiber. These multiplexers are typically used in applications where the cameras have P/T/Z capabilities. Plug and Play design ensures the ease of installation and operation. Electronic and optical adjustments are never required. LED indicators are provided for instantly monitoring system status.



Devices are available for either standalone or rack-mount installation, which is suitable for different working environment

Features

- Non-compressed 8-bit digital video transmission
- Automatic compatible with NTSC, PAL, and SECAM CCTV camera systems
- Support RS-232, RS-422, RS-485 data protocols
- Support any high-resolution video signal
- Power supply and other parameter state indication, which can monitor the operation condition of system
- Support no-damage regenerative trunk of video
- Constant input optical power, and large dynamic range ,no Electrical or Optical Adjustments Required
- Industry-grade of operating temperature from -40^o to 85^o , which is applied to the different working environment
- Hot-swap function
- Plug-and-Play
- We can offer rack-mounted chassis in standard 1U/2U/2.5U/4U



Application

- 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
- Coliseum using for TV-live ,audio transmission

Specifications

Video		Audio	
No. of channel:	1-64 Channel video	Audio bandwidth:	10Hz ~ 20kHz
Bandwidth:	5MHz - 8MHz	Audio Digital Bandwidth:	24Bit
Format:	NTSC / PAL / SECAM	Audio Input / Output Impedance:	0 dBm(Typical value), 600 ohms, Balance or Imbalance
Input / Output:	75 ohms	Audio input / Output voltage:	2Vpp (Typical value)
Differential gain :	< 1% Typical	Audio Signal-to-Noise– Ratio:	>≥95dB (weighted)
Differential phase:	< 0.7° Typical	Optical	
Signal-to-noise Ratio:	> 70dB	Fiber connectorr:	FC / SC / ST
Data		Transmission distance:	0 ~ 100Km
Interface port:	RJ-45 industrial standard port	Wavelength:	1310/1550nm
Interface signal type:	RS485/RS422/RS232/Manchester	Electrical & Mechanical	
Code rate:	0 ~ 400Kbps	Power:	5V DC, 2A, max.
BER:	< 10 ⁻⁹	Dimension (LxWxD):	1 Channel: 11.1 x 10.7 x 2.8 cm 1-4 Channel: 19.2 x 17.3 x 2.8 cm 5-8 Channel: 19.2 x 17.3 x 5.6 cm 9-16 Channel: 48.3 x 18 x 4.4 cm
Ethernet		Environmental	
Interface port:	RJ-45	Operating Temp.:	-40℃ ~ 85℃
Duplex:	Full duplex / half duplex	Humidity:	0~95% non-condensing
Transmission format:	10/100M Base T	MTBF:	>≥10 ⁵ hours
Standard:	IEEE802.3, IEEE802.3u	Telephone	
Interface port:	RJ-11	Interface port:	RJ-11
Bandwidth:	8kHz	Bandwidth:	8kHz
Special functions:	Support call-showing function Support H-F	Special functions:	Support call-showing function Support H-F
Operating mode:	Point-Point hotline mode Program-controller exchange mode	Operating mode:	Point-Point hotline mode Program-controller exchange mode

