

AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter (1080P)



BC-TVI0101-1080



BC-TVI0201-1080



BC-TVI0401-1080



BC-TVI0801-1080



BC-TVI1601-1080

Features

- Body 1/2 ports Aluminum alloy shell, wall mount or 2U chassis
- Body 4 ports Iron shell, wall mount or 4U chassis
- Body 8/16 ports Iron shell, 1U 19" chassis
- Support 1280*720P,1280*960P,1920*1080P
- All interface adopt three grade anti-static, lightning protection
- Wide optical dynamic range and advanced adaptive technology, transmission distance can reach up to 60Km
- Surface mount devices ensure products high stability, high reliability
- Low electromagnetic interference (EMI) and radio frequency interference (RFI)
- Abundant LED indicators, diagnostic indication
- Plug and Play, hot plugged
- Small size, low power consumption, strong interference resistance
- Industry-grade of operating temperature from -40.C to 75.C , which is applied to the different working environment
- Support user customization and OEM
- Compatible with AHD/CVI/TVI Cameras

Introduction

can simultaneously transmit 16 channels AHD/CVI/TVI over one multimode or single-mode optical fiber. 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 . Compatible with 1280*720P, 1280*960P, 1920*1080P AHD/CVI/TVI Cameras. Lossless non-compression real time transmission

Application

- Intelligent Transportation System
- Connection of Sub-network for Surveillance Center
- Public Security Surveillance
- High Way & Toll Station Surveillance
- Industrial Closed Circuit Television Surveillance
- Military monitoring (warehouses, border guards, defense)

Optical

Wavelength	1310nm&1550nm
Output Power	-8~-3dBm
Optic fiber	50/125u multimode..62.5/125u multimode..9/125u single mode
Rx sensitivity	-22dBm
Optical connector	FC,ST,SC (optional)
Distance	0~500m (multi mode) / 0~20Km (Single mode)

Video

Number of Channels	1,2,4,8,16
Input/output impedance	BNC 75.. OHM(unbalance)
Standard video input/output voltage	1.0Vp-p
Video Bandwidth	60MHz
Sampling Bandwidth	8bit
Sampling Frequency	120MHz
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	<.1,5%
Differential Phase	<.1.
Connector / Coaxial cable Distance	BNC / 350meters

Other	1/2 Channel	4Channel	8 Channel	16 Channel
Power	DC5V 2A	DC5V 2A	AC 220V	AC 220V
Power Consumption	5W	5W	5W	5W
Temperature	-40.C ~75.C	-40.C ~75.C	-40.C ~75.C	-40.C ~75.C
Humidity	10%~90% RH	10%~90% RH	10%~90% RH	10%~90% RH
Unit Weight	0.5Kg(pair)	1.2Kg(pair)	3.5Kg(pair)	3.5Kg(pair)
Dimension	110mm.87mm.30mm	165mm.140mm.30mm	485mm.185mm.43mm	485.185.43mm
Installation	Wall mount or 2U 19"Chassis	Wall mount or 4U 19"Chassis	1U 19"Chassis	1U 19"Chassis
MTBF	Greater than or equal.. 100000Hours	Greater than or equal.. 100000Hours	Greater than or equal.. 100000Hours	Greater than or equal.. 100000Hours

HD (BNC) to fiber converters

Model Name	DESCRIPTION	Fiber Port	Resolution
BC-TVI0101-1080-VT	1-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-TVI0101-1080-VR	1-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-TVI0201-1080-VT	2-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-TVI0201-1080-VR	2-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-TVI0401-1080-VT	4-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-TVI0401-1080-VR	4-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-TVI0801-1080-VT	8-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-TVI0801-1080-VR	8-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-TVI1601-1080-VT	16-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-TVI1601-1080-VR	16-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P