

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



BC-CHD0101-1080

BC-CHD0201-1080

BC-CHD0401-1080

BC-CHD0801-1080

BC-CHD1601-1080

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 75Ω 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-CHD0101-1080/VT	1-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-CHD0101-1080/VR	1-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-CHD0201-1080/VT	2-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-CHD0201-1080/VR	2-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-CHD0401-1080/VT	4-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-CHD0401-1080/VR	4-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-CHD0801-1080/VT	8-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-CHD0801-1080/VR	8-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P
BC-CHD1601-1080/VT	16-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Transceiver	Singlemode	1080P
BC-CHD1601-1080/VR	16-channel AHD/CVI/TVI with 1channel Reverse RS485 Data to fiber converter,Receiver	Singlemode	1080P