



HD Video Converter CATALOG

• 1MP(720P) • 2MP(1080P) • 5MP(1960P)

Content

ตัวแปลงสัญญาณไฟฟ้าเป็นแสงส่งผ่านสายใยแก้วนำแสงสำหรับกล้อง CCTV

1 MP(720P) HD Video Converter

03-07



BC-TVI0100-720-VT/VR

1-Port AHD 720P to
1-Port Fiber, 20Km

BC-TVI0101-720-VT/VR

1 Port AHD 720P to
1Port Fiber, 20Km with 1 RS485



BC-TVI0200-720-VT/VR

2-Ports AHD 720P to
1-Port Fiber, 20Km

BC-TVI0201-720-VT/VR

2-Ports AHD 720P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI0400-720-VT/VR

4-Ports AHD 720P to
1-Port Fiber, 20Km

BC-TVI0401-720-VT/VR

4-Ports AHD 720P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI0800-720-VT/VR

8-Ports AHD 720P to
1-Port Fiber, 20Km

BC-TVI0801-720-VT/VR

8-Ports AHD 720P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI1600-720-VT/VR

16-Ports AHD 720P to
1-Port Fiber, 20Km

BC-TVI1601-720-VT/VR

16-Ports AHD 720P to
1-Port Fiber, 20Km with 1 RS485



2MP(1080P) HD Video Converter

03-07



BC-TVI0100-1080-VT/VR

1-Port AHD 1080P to
1-Port Fiber, 20Km, 1080P

BC-TVI0101-1080-VT/VR

1 Port AHD 1080P to
1 Port Fiber, 20Km with 1 RS485



BC-TVI0200-1080-VT/VR

2-Ports AHD 1080P to
1-Port Fiber, 20Km, 1080P

BC-TVI0201-1080-VT/VR

2-Ports AHD 1080P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI0400-1080-VT/VR

4-Ports AHD 1080P to
1-Port Fiber, 20Km, 1080P

BC-TVI0401-1080-VT/VR

4-Port AHD 1080P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI0800-1080-VT/VR

8-Ports AHD 1080P to
1-Port Fiber, 20Km, 1080P

BC-TVI0801-1080-VT/VR

8-Ports AHD 1080P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI1600-1080-VT/VR

16-Ports AHD 1080P to
1-Port Fiber, 20Km, 1080P

BC-TVI1601-1080-VT/VR

16-Ports AHD 1080P to
1-Port Fiber, 20Km with 1 RS485



5MP(1960P) HD Video Converter

08-11



BC-TVI0200-1960-VT/VR

2-Ports AHD 1960P to
1-Port Fiber, 20Km, 1960P

BC-TVI0201-1960-VT/VR

2-Ports AHD 1960P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI0400-1960-VT/VR

4-Ports AHD 1960P to
1-Port Fiber, 20Km, 1960P

BC-TVI0401-1960-VT/VR

4-Port AHD 1960P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI0800-1960-VT/VR

8-Ports AHD 1960P to
1-Port Fiber, 20Km, 1960P

BC-TVI0801-1960-VT/VR

8-Ports AHD 1960P to
1-Port Fiber, 20Km with 1 RS485



BC-TVI1600-1960-VT/VR

16-Ports AHD 1960P to
1-Port Fiber, 20Km, 1960P

BC-TVI1601-1960-VT/VR

16-Ports AHD 1960P to
1-Port Fiber, 20Km with 1 RS485



1 Channel 1MP(720P)/2MP(1080P) AHD/TVI/CVI to Fiber Video Converter



Overview

HD Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the HD video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- Support transmission of 1 channel HD video signal and controlling data simultaneously through coaxial cable
- DC 5V power supply
- Support 720p/25,720p/30,720p/50,720p/60,1080p/25,1080p/30 videos etc.
- Through LED indicators to inform its functional mode
- Industrial wide range of operational temperature
- Plug and play, simple installation.

Application

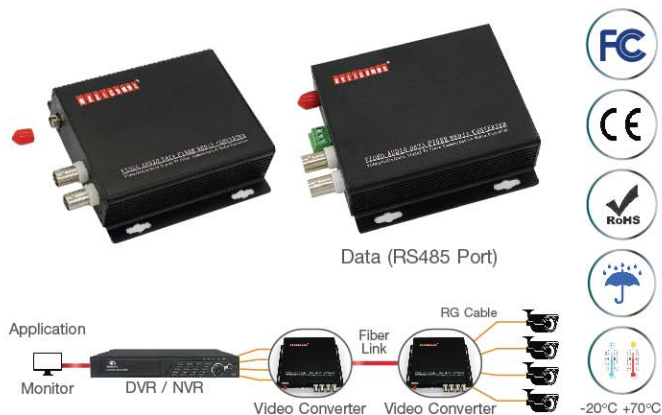
- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications	Dimension :
Video :		
Interface	BNC	720P Device: 10.4*10.4*2.8mm, 0.25kg;
Input level	>500mVp-p	720P Packing: 25*14*7.5mm, 0.75kg;
Output level	1Vp-p	1080P Device: 10.4*10.4*2.8mm, 0.25kg;
Input/Output Impedance	75Ω (unbalanced)	1080P Packing: 25*14*7.5mm, 0.75kg
Bandwidth	30MHz(720P); 60MHz(1080P)	
Digit bit width	8bit	
Data :		
Interface	Terminal Block	
Interface Signals	RS485	
Baud Rate	1200~9600bit/s	
Bit Error Rate	<10 ⁻⁹	
Fiber :		
Interface	FC (default), SC, ST (optional)	
Fiber Type	Single mode, single fiber (default)	
Distance	0km~80km	
Wavelength	1310nm/1550nm	
Indicator	PWR, Fiber, VIDEO, Data, LOS	
Power Adapter :		
Input	100-240VAC	
Output	5V1A	
Enviroments :		
Operating Temperature	-20°C~+70°C	
Humidity	0%~95% (non-condensing)	
Mean time between failures(MTBF)	>100 000 hours	

Order Part Number as Below.

Part Number.	Descriptions
BC-TVI0100-720-VT	720P; 1-ch HD Video to Fiber; FC 20km; Transmitter
BC-TVI0100-720-VR	720P; 1-ch HD Video to Fiber; FC 20km; Receiver
BC-TVI0101-720-VT	720P; 1-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
BC-TVI0101-720-VR	720P; 1-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver
BC-TVI0100-1080-VT	1080P; 1-ch HD Video to Fiber; FC 20km; Transmitter
BC-TVI0100-1080-VR	1080P; 1-ch HD Video to Fiber; FC 20km; Receiver
BC-TVI0101-1080-VT	1080P; 1-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
BC-TVI0101-1080-VR	1080P; 1-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

2 Channel 1MP(720P)/2MP(1080P) AHD/TVI/CVI to Fiber Video Converter



Overview

HD Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the HD video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- Support transmission of 2 channel HD video signal and controlling data simultaneously through coaxial cable
- DC 5V power supply
- Support 720p/25,720p/30,720p/50,720p/60,1080p/25,1080p/30 videos etc.
- Through LED indicators to inform its functional mode
- Industrial wide range of operational temperature
- Plug and play, simple installation.

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications	Dimension :
Video :		
Interface	BNC	720P Device: 10.4*10.4*2.8mm, 0.25kg;
Input level	>500mVp-p	720P Packing: 25*14*7.5mm, 0.75kg;
Output level	1Vp-p	1080P Device: 10.4*10.4*2.8mm, 0.25kg;
Input/Output Impedance	75Ω (unbalanced)	1080P Packing: 25*14*7.5mm, 0.75kg
Bandwidth	30MHz(720P); 60MHz(1080P)	
Digit bit width	8bit	
Data :		
Interface	Terminal Block	
Interface Signals	RS485	
Baud Rate	1200~9600bit/s	
Bit Error Rate	<10 ⁻⁹	
Fiber :		
Interface	FC (default), SC, ST (optional)	
Fiber Type	Single mode, single fiber (default)	
Distance	0km~80km	
Wavelength	1310nm/1550nm	
Indicator	PWR, Fiber, VIDEO, Data, LOS	
Power Adapter :		
Input	100-240VAC	
Output	5V1A	
Enviroments :		
Operating Temperature	-20°C~+70°C	
Humidity	0%~95% (non-condensing)	
Mean time between failures(MTBF)	>100 000 hours	

Order Part Number as Below.

BC-TVI0200-720-VT 720P; 2-ch HD Video to Fiber; FC 20km; Transmitter
 BC-TVI0200-720-VR 720P; 2-ch HD Video to Fiber; FC 20km; Receiver
 BC-TVI0201-720-VT 720P; 2-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
 BC-TVI0201-720-VR 720P; 2-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

BC-TVI0200-1080-VT 1080P; 2-ch HD Video to Fiber; FC 20km; Transmitter
 BC-TVI0200-1080-VR 1080P; 2-ch HD Video to Fiber; FC 20km; Receiver
 BC-TVI0201-1080-VT 1080P; 2-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
 BC-TVI0201-1080-VR 1080P; 2-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

4 Channel 1MP(720P)/2MP(1080P) Fiber Video Converter



Overview

HD Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the HD video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- Support transmission of 4 channel HD video signal and controlling data simultaneously through coaxial cable
- DC 5V power supply
- Support 720p/25,720p/30,720p/50,720p/60,1080p/25,1080p/30 videos etc.
- Through LED indicators to inform its functional mode
- Industrial wide range of operational temperature
- Plug and play, simple installation.

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications	Dimension :
Video :		
Interface	BNC	720P Device: 16.7*11.3*2.8mm, 0.45kg;
Input level	>500mVp-p	720P Packing: 34.5*21*7.5mm, 1.1kg;
Output level	1Vp-p	1080P Device: 16.7*11.3*2.8mm, 0.45kg;
Input/Output Impedance	75Ω (unbalanced)	1080P Packing: 34.5*21*7.5mm, 1.1kg
Bandwidth	30MHz(720P); 60MHz(1080P)	
Digit bit width	8bit	
Data :		
Interface	Terminal Block	
Interface Signals	RS485	
Baud Rate	1200~9600bit/s	
Bit Error Rate	<10 ⁻⁹	
Fiber :		
Interface	FC (default), SC, ST (optional)	
Fiber Type	Single mode, single fiber (default)	
Distance	0km~80km	
Wavelength	1310nm/1550nm	
Indicator	PWR, Fiber, VIDEO, Data, LOS	
Power Adapter :		
Input	100-240VAC	
Output	5V2A	
Enviroments :		
Operating Temperature	-20°C~+70°C	
Humidity	0%~95% (non-condensing)	
Mean time between failures(MTBF)	>100 000 hours	

Order Part Number as Below.

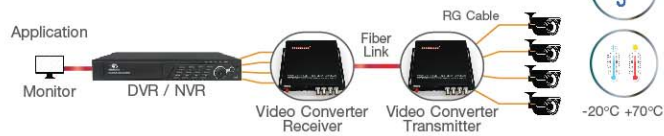
BC-TVI0400-720-VT 720P; 4-ch HD Video to Fiber; FC 20km; Transmitter
 BC-TVI0400-720-VR 720P; 4-ch HD Video to Fiber; FC 20km; Receiver
 BC-TVI0401-720-VT 720P; 4-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
 BC-TVI0401-720-VR 720P; 4-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

BC-TVI0400-1080-VT 1080P; 4-ch HD Video to Fiber; FC 20km; Transmitter
 BC-TVI0400-1080-VR 1080P; 4-ch HD Video to Fiber; FC 20km; Receiver
 BC-TVI0401-1080-VT 1080P; 4-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
 BC-TVI0401-1080-VR 1080P; 4-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

8 Channel 1MP(720P)/2MP(1080P) AHD/TVI/CVI to Fiber Video Converter



Data (RS485 Port)



Overview

HD Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the HD video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- Support transmission of 8 channel HD video signal and controlling data simultaneously through coaxial cable
- DC 5V power supply
- Support 720p/25,720p/30,720p/50,720p/60,1080p/25,1080p/30 videos etc.
- Through LED indicators to inform its functional mode
- Industrial wide range of operational temperature
- Plug and play, simple installation.

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications	Dimension :
Video :		
Interface	BNC	720P Device: 16.7*11.3*4.4mm, 0.55kg;
Input level	>500mVp-p	720P Packing: 34.5*21*9mm, 1.75kg;
Output level	1Vp-p	1080P Device: 16.7*11.3*4.4mm, 0.65kg;
Input/Output Impedance	75Ω (unbalanced)	1080P Packing: 34.5*21*9mm, 1.95kg
Bandwidth	30MHz(720P); 60MHz(1080P)	
Digit bit width	8bit	
Data :		
Interface	Terminal Block	
Interface Signals	RS485	
Baud Rate	1200~9600bit/s	
Bit Error Rate	<10 ⁻⁹	
Fiber :		
Interface	FC (default),SC, ST (optional)	
Fiber Type	Single mode, single fiber (default)	
Distance	0km~80km	
Wavelength	1310nm/1550nm	
Indicator	PWR, Fiber, VIDEO, Data, LOS	
Power Adapter :		
Input	100-240VAC	
Output	5V2A(720P), 5V3A(1080P),	
Enviroments :		
Operating Temperature	-20°C~+70°C	
Humidity	0%~95% (non-condensing)	
Mean time between failures(MTBF)	>100 000 hours	

Order Part Number as Below.

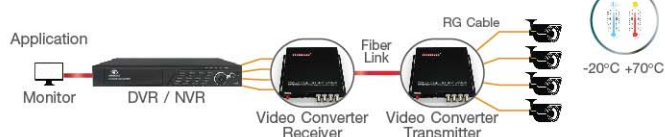
BC-TVI0800-720-VT 720P; 8-ch HD Video to Fiber; FC 20km; Transmitter
 BC-TVI0800-720-VR 720P; 8-ch HD Video to Fiber; FC 20km; Receiver
 BC-TVI0801-720-VT 720P; 8-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
 BC-TVI0801-720-VR 720P; 8-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

BC-TVI0800-1080-VT 1080P; 8-ch HD Video to Fiber; FC 20km; Transmitter
 BC-TVI0800-1080-VR 1080P; 8-ch HD Video to Fiber; FC 20km; Receiver
 BC-TVI0801-1080-VT 1080P; 8-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
 BC-TVI0801-1080-VR 1080P; 8-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

16 Channel 1MP(720P)/2MP(1080P) AHD/TVI/CVI to Fiber Video Converter



Data (RS485 Port)



Overview

HD Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the HD video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- Support transmission of 16 channel HD video signal and controlling data simultaneously though coaxial cable
- DC 5V power supply
- Support 720p/25,720p/30,720p/50,720p/60,1080p/25,1080p/30 videos etc.
- Through LED indicators to inform its functional mode
- Industrial wide range of operational temperature
- Plug and play, simple installation.

Application

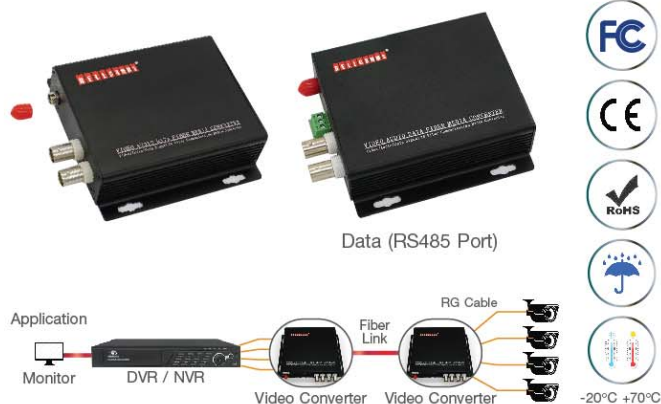
- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications	Dimension :
Video :		
Interface	BNC	720P Device: 43.8*22*4.4mm, 1.65kg;
Input level	>500mVp-p	720P Packing: 52.4*34.6*18mm, 4.3kg;
Output level	1Vp-p	1080P Device: 43.8*22*4.4mm, 2kg;
Input/Output Impedance	75Ω (unbalanced)	1080P Packing: 52.4*34.6*18mm, 5kg
Bandwidth	30MHz(720P); 60MHz(1080P)	
Digit bit width	8bit	
Data :		
Interface	Terminal Block	
Interface Signals	RS485	
Baud Rate	1200~9600bit/s	
Bit Error Rate	<10 ⁻⁹	
Fiber :		
Interface	FC (default), SC, ST (optional)	
Fiber Type	Single mode, single fiber (default)	
Distance	0km~80km	
Wavelength	1310nm/1550nm	
Indicator	PWR, Fiber, VIDEO, Data, LOS	
Power Adapter :		
Input	100-240VAC	
Output	5V6A	
Enviroments :		
Operating Temperature	-20°C~+70°C	
Humidity	0%~95% (non-condensing)	
Mean time between failures(MTBF)	>100 000 hours	

Order Part Number as Below.

BC-TVI1600-720-VT	720P; 16-ch HD Video to Fiber; FC 20km; Transmitter
BC-TVI1600-720-VR	720P; 16-ch HD Video to Fiber; FC 20km; Receiver
BC-TVI1601-720-VT	720P; 16-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
BC-TVI1601-720-VR	720P; 16-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver
BC-TVI1600-1080-VT	1080P; 16-ch HD Video to Fiber; FC 20km; Transmitter
BC-TVI1600-1080-VR	1080P; 16-ch HD Video to Fiber; FC 20km; Receiver
BC-TVI1601-1080-VT	1080P; 16-ch HD Video + 1-ch return data to Fiber; FC 20km; Transmitter
BC-TVI1601-1080-VR	1080P; 16-ch HD Video + 1-ch return data to Fiber; FC 20km; Receiver

2 Channel 5MP(1960P) Fiber Video Converter



Overview

5MP Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the 5MP video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- 2-ch 5MP video and 1-ch RS485 return data
- ESD/Surge protection
- 3/4/5 megapixel pixel cameras, and broadcast-quality transmission quality
- Through LED indicators to inform its functional mode
- Plug and play, simple installation.
- Desktop / Rack-mounted installation supported

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications
Video :	
Interface	BNC
Input level	>500mVp-p
Output level	1Vp-p
Input/Output Impedance	75Ω (unbalanced)
Bandwidth	30MHz(720P); 60MHz(1080P); 150MHz(1960P)
Digit bit width	8bit
camera pixels	3/4/5megapixel
Video pixel	1280 (H) * 720 (V); 1920 (H) * 1080 (V); 2560 (H) * 1960 (V)
Signal to noise ratio	> 60dB (weighted) (8Bit)
Data :	
Interface	Terminal Block
Interface Signals	RS485
Baud Rate	1200~9600bit/s
Bit Error Rate	<10 ⁻⁹
Fiber :	
Interface	FC (default), SC, ST (optional)
Fiber Type	Single mode, single fiber (default)
Distance	0km~80km
Wavelength	1310nm/1550nm
Indicator	PWR, Fiber, VIDEO, Data
Power Adapter :	
Input	100-240VAC
Output	5V2A
Enviroments :	
Operating Temperature	-20°C~+70°C
Humidity	0%~95% (non-condensing)

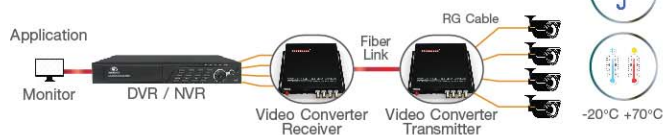
Order Part Number as Below.

- BC-TVI0200-1960-VT 2-ch 5MP Video to Fiber; FC 20km; Transmitter
- BC-TVI0200-1960-VR 2-ch 5MP Video to Fiber; FC 20km; Receiver
- BC-TVI0201-1960-VT 2-ch 5MP Video + 1-ch return data to Fiber; FC 20km; Transmitter
- BC-TVI0201-1960-VR 2-ch 5MP HD Video + 1-ch return data to Fiber; FC 20km; Receiver

4 Channel 5MP(1960P) Fiber Video Converter



Data (RS485 Port)



Overview

5MP Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the 5MP video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- 4-ch 5MP video and 1-ch RS485 return data
- ESD/Surge protection
- 3/4/5 megapixel pixel cameras, and broadcast-quality transmission quality
- Through LED indicators to inform its functional mode
- Plug and play, simple installation.
- Desktop / Rack-mounted installation supported

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications
Video :	
Interface	BNC
Input level	>500mVp-p
Output level	1Vp-p
Input/Output Impedance	75Ω (unbalanced)
Bandwidth	30MHz(720P); 60MHz(1080P); 150MHz(1960P)
Digit bit width	8bit
camera pixels	3/4/5megapixel
Video pixel	1280 (H) * 720 (V); 1920 (H) * 1080 (V); 2560 (H) * 1960 (V)
Signal to noise ratio	> 60dB (weighted) (8Bit)
Data :	
Interface	Terminal Block
Interface Signals	RS485
Baud Rate	1200~9600bit/s
Bit Error Rate	<10 ⁻⁹
Fiber :	
Interface	FC (default), SC, ST (optional)
Fiber Type	Single mode, single fiber (default)
Distance	0km~80km
Wavelength	1310nm/1550nm
Indicator	PWR, Fiber, VIDEO, Data
Power Adapter :	
Input	100-240VAC
Output	5V2A
Enviroments :	
Operating Temperature	-20°C~+70°C
Humidity	0%~95% (non-condensing)

Order Part Number as Below.

- BC-TV10400-1960-VT 4-ch 5MP Video to Fiber; FC 20km; Transmitter
- BC-TV10400-1960-VR 4-ch 5MP Video to Fiber; FC 20km; Receiver
- BC-TV10401-1960-VT 4-ch 5MP Video + 1-ch return data to Fiber; FC 20km; Transmitter
- BC-TV10401-1960-VR 4-ch 5MP HD Video + 1-ch return data to Fiber; FC 20km; Receiver

8 Channel 5MP(1960P) Fiber Video Converter



Data (RS485 Port)



-20°C ~+70°C

Overview

5MP Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the 5MP video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- 8-ch 5MP video and 1-ch RS485 return data
- ESD/ Surge protection
- 3/4/5 megapixel pixel cameras, and broadcast-quality transmission quality
- Through LED indicators to inform its functional mode
- Plug and play, simple installation.
- Desktop / Rack-mounted installation supported

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications
Video :	
Interface	BNC
Input level	>500mVp-p
Output level	1Vp-p
Input/Output Impedance	75Ω (unbalanced)
Bandwidth	30MHz(720P); 60MHz(1080P); 150MHz(1960P)
Digit bit width	8bit
camera pixels	3/4/5megapixel
Video pixel	1280 (H) * 720 (V); 1920 (H) * 1080 (V); 2560 (H) * 1960 (V)
Signal to noise ratio	> 60dB (weighted) (8Bit)
Data :	
Interface	Terminal Block
Interface Signals	RS485
Baud Rate	1200~9600bit/s
Bit Error Rate	<10 ⁻⁹
Fiber :	
Interface	FC (default), SC, ST (optional)
Fiber Type	Single mode, single fiber (default)
Distance	0km~80km
Wavelength	1310nm/1550nm
Indicator	PWR, Fiber, VIDEO, Data
Power Adapter :	
Input	100-240VAC
Output	5V3A
Enviroments :	
Operating Temperature	-20°C~+70°C
Humidity	0%~95% (non-condensing)

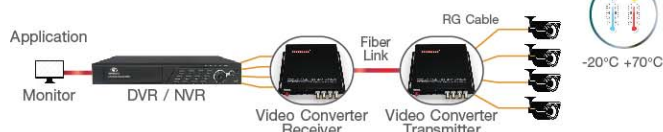
Order Part Number as Below.

BC-TVI0800-1960-VT	8-ch 5MP Video to Fiber; FC 20km; Transmitter
BC-TVI0800-1960-VR	8-ch 5MP Video to Fiber; FC 20km; Receiver
BC-TVI0801-1960-VT	8-ch 5MP Video + 1-ch return data to Fiber; FC 20km; Transmitter
BC-TVI0801-1960-VR	8-ch 5MP HD Video + 1-ch return data to Fiber; FC 20km; Receiver

16 Channel 5MP(1960P) Fiber Video Converter



Data (RS485 Port)



Overview

5MP Video to fiber converters adopt the advanced uncompressed HD composite video and high velocity digital optical transmission technologies which convert the 5MP video composite signals to optical signals to achieve long distance(as far as 80Km) transmission through fibers.

Features

- Non-compression coding technology
- Automatically identify formats of input videos.
- 16-ch 5MP video and 1-ch RS485 return data
- ESD/Surge protection
- 3/4/5 megapixel pixel cameras, and broadcast-quality transmission quality
- Through LED indicators to inform its functional mode
- Plug and play, simple installation.
- Desktop / Rack-mounted installation supported

Application

- Intelligence Traffic Monitor system(ITS)
- Metro/High-speed way monitor system
- Electric power/ hydraulic Safety Monitor system
- Industrial mining enterprises Security System
- Long-distance multimedia teaching/ Campus Security
- CATV long-distance transmission
- Building Automatic Security System

Technical Parameter	Specifications
Video :	
Interface	BNC
Input level	>500mVp-p
Output level	1Vp-p
Input/Output Impedance	75Ω (unbalanced)
Bandwidth	30MHz(720P); 60MHz(1080P); 150MHz(1960P)
Digit bit width	8bit
camera pixels	3/4/5megapixel
Video pixel	1280 (H) * 720 (V); 1920 (H) * 1080 (V); 2560 (H) * 1960 (V)
Signal to noise ratio	> 60dB (weighted) (8Bit)
Data :	
Interface	Terminal Block
Interface Signals	RS485
Baud Rate	1200~9600bit/s
Bit Error Rate	<10 ⁻⁹
Fiber :	
Interface	FC (default), SC, ST (optional)
Fiber Type	Single mode, single fiber (default)
Distance	0km~80km
Wavelength	1310nm/1550nm
Indicator	PWR,Fiber,VIDEO,Data
Power :	
Input	100-240VAC
Enviroments :	
Operating Temperature	-20°C~+70°C
Humidity	0%~95% (non-condensing)

Order Part Number as Below.

BC-TV1600-1960-VT	16-ch 5MP Video to Fiber; FC 20km; Transmitter
BC-TV1600-1960-VR	16-ch 5MP Video to Fiber; FC 20km; Receiver
BC-TV1601-1960-VT	16-ch 5MP Video + 1-ch return data to Fiber; FC 20km; Transmitter
BC-TV1601-1960-VR	16-ch 5MP HD Video + 1-ch return data to Fiber; FC 20km; Receiver



IP and CCTV Camera, Outdoor / Indoor

กล้อง IP และ กล้อง CCTV สำหรับภายในและนอกอาคาร

CCTV 720P / 1.3MP



CCTV
720P / 1.3MP

BC-AHD720P-DO

- Sony 1.3MP / 720P,
- AHD / ANALOG
- 3.6mm Len, IR 20M, IP66



CCTV
720P / 1.3MP

BC-AHD720P-BU

- Sony 1.3MP / 720P,
- AHD / ANALOG
- 3.6mm Len, IR 20M, IP66



CCTV
720P / 1.3MP

BC-AHD720P-50

- Sony 1.3MP / 720P,
- AHD / CVI, TVI / ANALOG
- 2.8-12mm Len, IR 50M, IP66



CCTV
720P / 1.3MP

BC-AHD720P-WC

- Sony 1.3MP / 720P,
- AHD / CVI, TVI / ANALOG
- 2.8-12mm Len, IR 50M, IP66

CCTV 1080P / 2.0MP

Low light



CCTV
1080P / 2.0MP

BC-4IN1BU-28

- Sony 2.0MP / 1080P
- AHD / CVI, TVI / ANALOG
- 2.8mm. Len, IR 20M, IP66



CCTV
1080P / 2.0MP

BC-4IN1DO-30

- Sony 2.0MP / 1080P
- AHD / CVI, TVI / ANALOG
- 2.8-12mm. Len, IR 30M, IP66

IP (PoE) 1080P / 2.0MP

Low light



IP camera
1080P / 2.0MP

BC-IPB20

- Sony 2.0MP / 1080P
- IP camera, PoE, MIC, Onvif
- 2.8mm. Len, IR 20M, IP66

Low light



IP camera
1080P / 2.0MP

BC-IPD20

- Sony 2.0MP / 1080P
- IP camera, PoE, MIC, Onvif
- 2.8mm. Len, IR 20M, IP66



IP camera
1080P / 2.0MP

BC-IP2812IN

- Sony 2.0MP / 1080P
- IP camera, PoE, Onvif
- 2.8-12mm. Len, IR 50M, IP66



IP camera
1080P / 2.0MP

BC-IP2812OUT

- Sony 2.0MP / 1080P
- IP camera, PoE, Onvif
- 2.8-12mm. Len, IR 40M, IP66

XVR recorder 1080P / 2.0MP

Hybride Support AHD / CVI / TVI / ANALOG and IP



1080P / 2.0MP

NVR recorder, 4 channel

BC-AHD04

- XVR recorder
- Support AHD / CVI / TVI / ANALOG / IP
- 4 CH, 5 in 1 Hybride DVR / NVR / HVR



1080P / 2.0MP

NVR recorder, 8 channel

BC-1080P8

- XVR recorder
- Support AHD / CVI / TVI / ANALOG / IP
- 8 CH, 5 in 1 Hybride DVR / NVR / HVR



1080P / 2.0MP

NVR recorder, 16 channel

BC-1080P16

- XVR recorder
- Support AHD / CVI / TVI / ANALOG / IP
- 16 CH, 5 in 1 Hybride DVR / NVR / HVR



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