

AR-4V-RS

4-channel Fiber Optic Video Converter Single Fiber AHD/TVI/CVI Video Converter Fiber Converter

Products Description

The converter can simultaneously transmit 4ch HD-CVI/TVI/AHD over one multimode or single-mode optical fiber. LED indicates instantly monitoring system status. Devices are available for either standalone or rack-mount installation, which is suitable for different working environment. It is without loss and non-compression real time transmission.

Feature

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| Non-compression coding technology; |
| Automatically identify formats of input videos; |
| Support 4ch HD-CVI/TVI/AHD signal and controlling data simultaneously through coaxial cable; |
| DC 5V power supply; |
| Support 720p/25,720p/30,720p/50,720p/60,960p,1080p/25,1080p/30 video etc; |
| Through LED indicators to inform its functional mode; |
| Industrial wide range of operational temperature; |
| Plug and play, simple installation. |

Applications

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| City traffic monitoring system |
| Public security, safe city monitoring system |
| Highway security protection, charging system |
| Building, campus monitoring net |
| Industrial monitoring (airport, chemical industrial, steel, oil, railway, water conservancy, mine, etc) |
| Military monitoring (storehouse, frontier defense, guard, nation defense, etc) |
| electric power, oilfield, television program transmission system |
| Gymnasium (live video, audio transmission) |

Technical Parameter

| Feature | Description | |
|---------|----------------------------------|---|
| optical | Fiber Type | Multi-mode fiber or Single mode fiber |
| | Fiber Connector | FC/ST/SC |
| | Distance | 0~80km (Optional) |
| | Wavelength | Transmitter Tx1310nm, Rx1550nm Receiver Tx1550nm,Rx1310nm. |
| Tx | Input level | >500mVp-p |
| | self-adaption cable equilibrium | 1080p:75-5 coaxial cable,300m 720p:75-5 coaxial cable,500m |
| | Input/Output Impe | 75Ω |
| | Physical Interface | 1/2/4/8/16channel BNC connector |
| Rx | Output level | 1Vp-p |
| | Input/Output Impedance | 75Ω |
| | Physical Interface | 1/2/4/8/16 channel BNC connector |
| Data | Transmission Media | Coaxial cable |
| | Baud Rate | 1200~9600bit/s |
| | Bit Error Rate | ≤10 |
| | Operation Mode | Half-Duplex |
| | Indicators | LOS,PWR,DATA,VIDEO |
| | Mean time between ailures (MTBF) | >100 000 hours |
| General | EPS | DC5V |
| | Power Consumption | ≤5W |
| | Operation temperature | 0°C~75°C |
| | Operation Humidity | 10%~90% |
| | Atmospheric Pressure | 86kpa~106kpa |
| | Mounting Method | Wall-mounted |

