

## AR-4V-RS

# 2-channel Fiber Optic Video Converter(AHD/TVI/CVI )-1port Ethernet +rs485 Fiber Converter

### Products Description

The converter can transmit 2ch HD-CVI/TVI/AHD +1etehrnet +485over one multimode or singlemode 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

Non-compression coding technology;
Automatically identify formats of input videos;
Support 2ch HD-CVI/TVI/AHD signal and controlling data simultaneously through coaxial cable;
Support 1 port Ethernet 10/100
Support rs485
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

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
	EPS	DC5V

General	Power Consumption	≤5W
	Operation temperature	0°C~75°C
	Operation Humidity	10%~90%
	Atmospheric Pressure	86kpa~106kpa
	Mounting Method	Wall-mounted

