



<b>ITEM</b>	<b>Fiber Video Converter</b>
<b>MODEL NO.</b>	<b>AOV-8V8FA</b>
<b>DESCRIPTION</b>	<b>8-ch Video + 8-ch Forward Audio</b>
 <p><b>Wall Mounted</b></p>	 <p><b>Rack Mounted</b></p>

### Overview

AOV-8V8FA Series Video Transmitter and Receiver support 8-channel of 8-bit digitally encoded broadcast quality video + 8channel forward audio transfer over one multimode or single mode fiber. The device is directly compatible with NTSC, PAL and SECAM camera systems. LED indicators are provided to instantly monitor the system operating status, and it support wall mounted or 4U Rack installation

### Features

- Hot-Plug and support wall mounted and 4U rack mounted
- 8-bit digital code and non-compression type video transmission
- 5Hz-10MHz video channel
- Automatic compatible PAL, NTSC and SECAM video system
- LED Indicators for Instant System Monitoring
- Support no-damage regenerative trunk of video
- Advanced self-adapting technology, and it is unnecessary to implement the adjustment of spot electrics or optics when using
- Industry-grade design and modularization design make the equipment reliable and flexible
- Can automatically restore the fuse of power supply

### Applications

- 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

### Technical Specifications

<b>Video</b>	
Video interface number	8 channel video
Bandwidth of video	8MHz
Video input & output impedance	75 Ω (imbalance) , BNC
Video input & output voltage	1VP - P
Differential gain	<0.6%
Differential phase	<0.3°
Weighted signal-to-noise ratio	S/N ≥ 67dB
<b>Audio</b>	
Connector	RJ45
Audio Channel	8 channel forward audio
Audio input/output impedance	600Ω (Balance/unbalance)
Audio input/output voltage	2Vp-p (typical value)
Audio input/output level	0dBm (typical value)
Audio bandwidth	10HZ~20KHZ
Audio digital encoded bandwidth	24bit
Audio signal-to-noise ratio	S/N ≥ 95dB (weighted)
<b>Fiber</b>	
Connector	FC default, ST/SC Optional
Fiber type	MMF,SMF optional, single fiber as default
Transmission distance	0~100Km
<b>Environmental demand</b>	
Operating temperature	-10 °C ~+55 °C
Storage environment	-40 °C ~+85 °C
Relative humidity	0-95% ( no condensation)
Power supply voltage	AC220V/50Hz or DC-48V/1A
MTBF	100,000 hours
LED Indication	PWR, FIBER, VIDEO
Size:	215*133*32mm



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*Actuating Optical Advances*

**Order Information**

<b>Model No.</b>	<b>Description</b>
AOV-8V8FA-MM-T-ST	8-ch video + 8-ch Forward Audio, MM 1310nm,ST,2km,Transmitter
AOV-8V8FA-MM-R-ST	8-ch video + 8-ch Forward Audio, MM 1310nm,ST,2km,Receiver
AOV-8V8FA-SM-T-FC	8-ch video + 8-ch Forward Audio, SM 1310nm,FC,20km,Transmitter
AOV-8V8FA-SM-R-FC	8-ch video + 8-ch Forward Audio, SM 1310nm,FC,20km,Receiver

Note: Please contact us for long distance