

1 Channel Fiber Optic Video Transceiver**Features**

1 Channel digital video and data transfer over single fiber
Mini body, ultra slim design
8 Bit uncompressed video transmission
24 bit audio signal sampling
NTSC,PAL,SECAM
Support RS485,RS232 data protocol
No EMI, RFI, Cross Talk, and Ground Loop
Surface Mount Technology
Standalone or rack mount

Applications

Intelligent transportation system (ITS)
TV medical treatment
Long-distance Multi-media Schooling, Campus monitoring
Long-distance broadcast television transmission system

Specifications**Video**

Input Channel: 1
Input: 1V p-p (75 ohm)
Connector: BNC
SNR: ≥ 70 dB
Bandwidth: 5MHz-8MHz
Distortion: DG<1%, DP<0.7°

Audio

Input Impedance: 600 Ohm
Input/Output Level: 0dBm (Typical)
Frequency Response: 20Hz-20KHz
Bit Resolution: 24 bit

Data

Interface: RS485 or RS232
Connector: Industry Terminal Block

Optical

Connector: FC
Wavelength: 850 nm/ 1300nm for Multimode
1310nm/1550nm for Single mode
Bit Rate Error: 10⁻⁹
Power Supply: AC 100-260V 50-60Hz, DC 12V, 5V 1-2A to your optional
Operating Temperature: 0° C to + 50°C
Storage Temperature: - 40° C to + 75°C
Humidity: 5%-95% Non-Condensing
Size: 116mm(L) x 111mm(W) x 25mm(H)

Order Information

HFV-D110R-E: 1-channel video+1-channel bi-direction audio+1-channel backward data+1-channel Ethernet
HFV-D111-E: 1-channel video+1-channel bi-direction audio+1-channel bi-direction data+1-channel Ethernet
HFV-D11R1-E: 1-channel video+1-channel backward audio+1-channel bi-direction data+1-channel Ethernet
HFV-D11T1-E: 1-channel video+1-channel forward audio+1-channel forward data+1-channel Ethernet