

**2 Channel Fiber Optic Video Transceiver**



**Features**

- Card insertion type or independent structure suitable for concentration management of 2 U racks
- 10 -digit coding and non-compression video transmission
- Supporting any high -resolution video signal
- SHz-10MHz video channel
- Automatically compatible with PAL, NTSC and SECAM video mode
- With APC circuit, constant output optical power and wide dynamic range
- Large capacity of gigabit optical fiber transmission allowing of easy upgrade
- LED with indication of power and other parameter status, allowing of monitoring system operation
- Supporting video intact regenerative relay
- Advanced adaptive technology avoiding on-site electric or optical regulation
- Modularized and industrialized design ensuring reliability and flexibility
- Capable of auto resumption of power fuse
- Featuring built -in power supply and unique designed housing
- Interior power consumption: 2.5 w (Input:AC140 ~ 260V)

**Specifications**

**Video**

Channel	2
Connector	BNC
Input/output impedance	75 Ω (unbalanced)
Input/output amplitude	1VP - P (peak value)
Bandwidth	8MHz
Differential gain	(10%-90%APL) DG <0.5% (typical value)
Differential phase	(10%-90%APL) DP <0.4° (typical value)
Video SNR	S/N ≥ 70dB (maximum optical link path loss)

**Data**

Channel	1 reverse
Interface terminal	RJ-45
Interface signal	RS-232、RS-422(full duplex)、RS-485 (2/4 wiring system)
Bit rate	0~256Kbps
Error bit rate	≤10 <sup>-9</sup>

**Optical**

Connector: FC  
 Wavelength: 850 nm/ 1300nm for Multimode  
 1310nm/1550nm for Single mode

**Environmental**

Operating temperature	-30oC~+75oC
Storage temperature	-40oC~+85oC
Relative humidity	0-95% Non-Condensing
Power voltage	AC220V/50Hz
MTBF	≧ 105 hours

**Order Information**

- HFV-D100:1 channel video
- HFV-D100R:1 channel video+1 channel backward data
- HFV-D11T0:1 channel video+1 channel forward data
- HFV-D110:1 channel video+1 channel bi-direction audio