

HX-DV101DWF 1-Channel Video + 1-Channel Reverse Data Optical Transmitter & Receiver



Feature
<ul style="list-style-type: none"> • 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)

Optical Specification							
Type Parameter	type of optical fiber interface	Transmission wavelength (nm)	Transmission power dBm	Receiving Sensitivity dBm	Optical Saturation dB	Transmission distance	Optical Loss dBm/Km
Multi mode	FC	850	-18.5~-14	-35	-8	0~2	1
	FC	1310	-19.5~-16	-36	-9	0~3	1
Single mode	FC	1310	-15~-10	-34	-8	0~20	0.5
	FC	1310	-12~-5	-36	-3	0~40	0.5
	FC	1550	-5~0	-38	+2	0~60	0.25

Video Specification	
Channel	1
Connector	BNC
Input/output impedance	75 (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 ⁻⁹

Environment	
Operating temperature	-30°C~+75°C
Storage temperature	-40°C~+85°C
Relative humidity	0-95% Non-Condensing
Power voltage	AC220V/50Hz
MTBF	≥10 ⁵ hours