

2 Channel CCTV Video Multiplexer

HY-LINK series CCTV Video Multiplexer adopt the advanced international digital video and optical fiber transmission technology, and implement the transmission of real-time & synchronization, no-distortion and high quality video effect, which can meet the user's requirement; the play-and-plug design makes the installation more convenient and easier, and it is unnecessary to implement the spot adjustment. Its optical module and core circuit adopt the imported components that have high stability, and all optical & electrical interfaces conform to the international standards, which is applied to the different working environment. This optical transceiver with video status indication can monitor the normal operation of system.



Features:

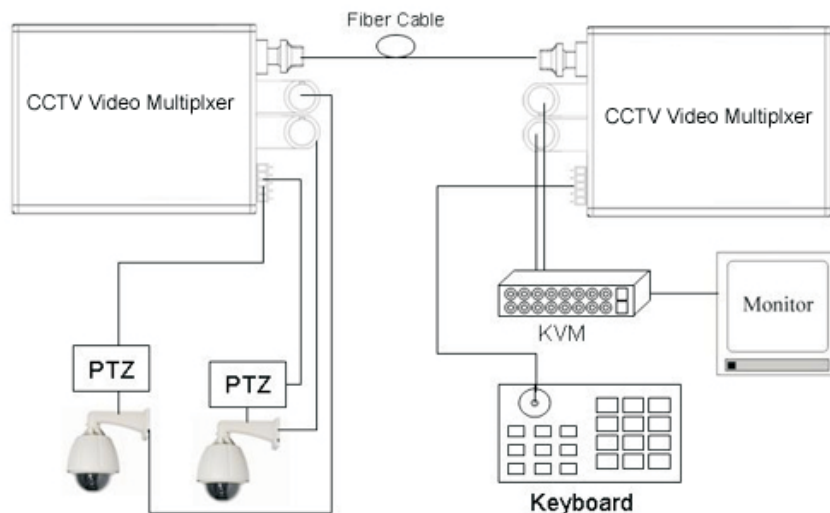
- ✦ Card type or independent structure, which is applied to centralized management 4U framework
- ✦ 8-bit digital code and non-compression type video transmission
- ✦ 5Hz-10MHz video channel
- ✦ Automatic compatible PAL, NTSC and SECAM video system
- ✦ With APC circuit, constant input optical, power and large dynamic range
- ✦ Kilomega optical fiber transmission, large capacity, and easy to upgrade
- ✦ Power supply and other parameter state indication, which can monitor the operation condition of system
- ✦ 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
- ✦ Full built-in power supply, and the appearance design of shell is unique.

Benefits:

- ✦ transmits the video/data/ audio/Ethernet over optical fiber
- ✦ Video signals can be transmitted long distance without any waste
- ✦ Automatic Recover overload
- ✦ Low consumption, plug-and-play of unadjustable trial installment

Applications:

- ✦ City traffic monitoring system
- ✦ Police and safe city monitoring system
- ✦ Highway security protection and toll station system
- ✦ Building and campus monitoring system
- ✦ Electronic power oil field, TV station program broadcasting system
- ✦ Industrial monitoring
- ✦ Gymnasium (live video and audio transmission)
- ✦ Military monitoring (storage, frontier defense, guard, national defense and so on)



Specifications:

Parameter	Specification
Video	
Number of Channels	2
Input/output impedance	BNC 75Ω (unbalance)
Video voltage range	0.6~2.0Vp-p
Differential Gain	< 1%
Differential Phase	< 1
S/N ratio	>60dB(weighting)(8 bit)
Audio	
Audio Input/output Impedance	600ohm(unbalance)
Max input/output voltage	2.0Vp-p
Frequency Response	10~20kHz
Total Harmonic Distortion	<0.05%
Data	
Data protocol	RS232、RS422、RS485
Data rate	0~300kbps
Error rate	10e-9
Optical	
Output/Input Wavelength	1310nm&1470nm~1610nm
Optic fiber	50/125u multimode , 62.5/125u multimode , 9/125u single mode
Optical interface	FC、ST、SC(optional)
Transmits distance	single mode:20km,multimode:2km
Environmental	
Work voltage	90V~240V AC
Work temperature	35°C ~ 70°C
Dimension and weight	110 mm x 115mm x 25mm ,2kg/part

Ordering Information

HY2V: 2 Video Optical SM Single Fiber 20km Fc

HY2V1D: 2 Video Optical +1RS485 Reverse Data SM Single Fiber 20km Fc