



## **nVideo+Ethernet+n(RS485/422/232+ Audio+Switch) Fiber Mux**



### **Spot-light:**

**OP-nQV\*nEth\*n(RS485/VO/SW)T(R)** Series Digital Video Fiber Multiplexer realizes multi-service transmission over SM/MM fiber optical. Interfaces are 1/2/4/8/16 channels Digital Video, 10/100M Ethernet(optional), 1~4/8 channels synchronous data RS232, RS422 or RS485, 1~4/8 channels Audio or Switch Signals.

### **Description:**

This equipment uses design of ultra large scale integration circuits. The merits include easy installation, fast configuration and no maintenance. Channel number of Digital Video Signal can be 1/2/4/8/16; Ethernet port is optional and 10/100M auto-adaptive; RS232/485/422 is for data transmission, Audio or Switch signal ports also must be customized in factory. This equipment helps to make video and data transmission from

remote sites to central office, which is widely used in **CCTV** surveillance network.

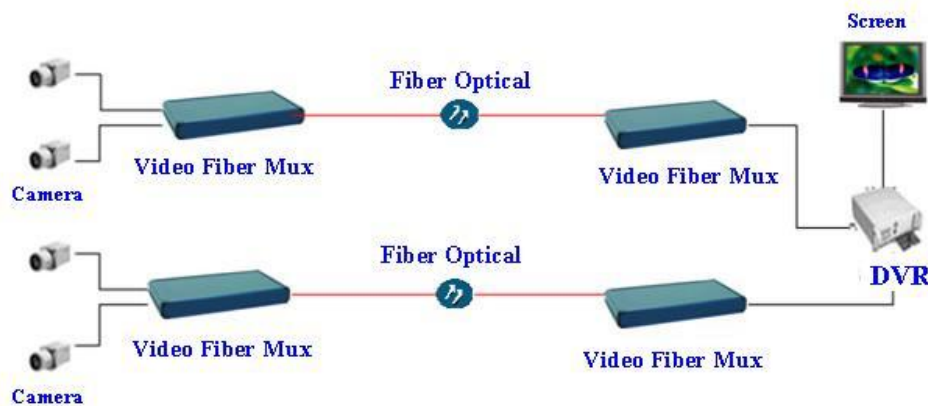
## Specifications

<b>Video Interface</b> --- PAL/NTSC/SECAM compatible --- Bandwidth; 7.5MHz,-1db --- Differential gain : $\leq 0.7\%$ --- Differential phase: $\leq 0.7^\circ$ --- Video SNR: $\geq 65\text{dB}$ --- Code: 8BITPCM --- Sample rate: 15MHz --- Connector: BNC
<b>Ethernet Interface</b> ---10/100M, half-full duplex, auto-sensing ---Support IEEE802.3, IEEE802.1Q (VLAN) ---RJ45 connector.
<b>Data Interface</b> --- Data interface number: 1~4 double direction (optional) --- Connector; RJ – 45, --- Signal: RS- 422/485, RS232 optional --- RS232 rate: 0-115.2Kbps RS-422/485 rate: 0-115.2Kbps --- RS-422/485 transmit distance: 0-1200m
<b>Audio Interface</b> --- Output Impedance: 10K(unbalanced) --- Max. power supply: 3.5Vp-p --- Distortion: $\leq 1\%$ --- SNR: $\geq 82\text{dB}$ --- Code: 8BIT --- Sample rate: 128K
<b>Switch Signal</b> --- Power: $\leq 30\text{V}$ --- Current: $\leq 2\text{A}$ --- Power consumption: $\leq 60\text{W}$
<b>Optical Interface</b> --- Transmission code: 5B\6B --- Wavelength: MM/850nm,SM/1310,1550nm optional --- Average power: $\geq -8\text{dBm}$ (single mode, 1310, LD) --- Receiving sensitivity: $\geq -8\text{dBm}$ --- Optical interface type: single/dual fiber, SC/FC optional
<b>Power supply:</b> --- DC-48V or AC220V

## Ordering Information:

- 1, 1\*Video+1~4\*(RS232/422/485+Audio+Switch)  
1\*Video+Ethernet+1~4\*(RS232/422/485+Audio+Switch)
- 2, 2\*Video+1~4\*(RS232/422/485+Audio+Switch)  
2\*Video+Ethernet+1~4\*(RS232/422/485+Audio+Switch)
- 3, 4\*Video+1~8\*(RS232/422/485+Audio+Switch)  
4\*Video+Ethernet+1~8\*(RS232/422/485+Audio+Switch)
- 4, 8\*Video+1~8\*(RS232/422/485+Audio+Switch)  
8\*Video+Ethernet+1~8\*(RS232/422/485+Audio+Switch)
- 5, 16\*Video+1~8\*(RS232/422/485+Audio+Switch)  
16\*Video+Ethernet+1~8\*(RS232/422/485+Audio+Switch)

## Typical Application:



**winyuan**