



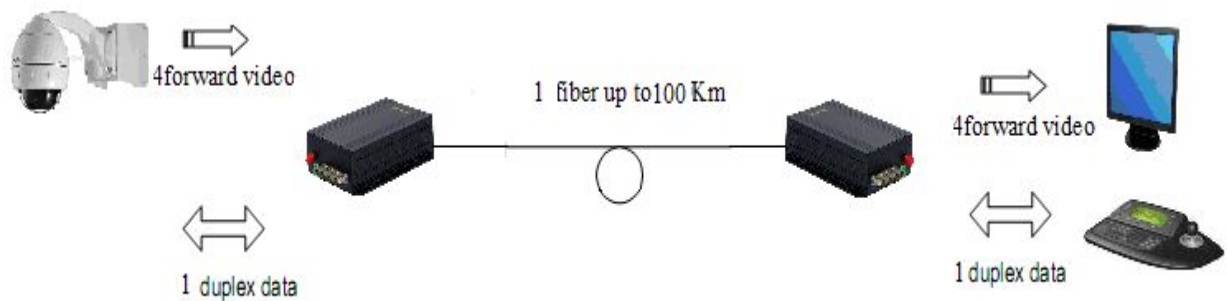
## Applications

- \*CCTV networks
- \*video conferencing
- \*Industrial monitoring systems
- \*Distance learning

## Features and benefits

- \* Uncompressed 8 bit video digital sampling, High-speed synchronous digital transmission technology
- \* Modular structure design(audio card and data card for optional configuration)
- \* Super optical dynamic range, no adjustment needed
- \* Status indication for power supply, optical signal and video
- \* No electromagnetic interference, radio frequency interference and ground current
- \* Safe transmission guaranteed under poor electromagnetic environmen
- \* BNC video connector
- \*FC/ST optical connector
- \*Video DC recovery
- \* Maximum tolerable link loss for single mode single fiber is 18db

## Typical Application:



## **Technical indicators**

### **Video characteristic**

Video channel: [4 channel](#)

Video input/output impedance: BNC75Ω unbalanced interface

Video input/output voltage: Typical peak-peak value 1Vp-p

Video bandwidth: 6.5MHz

Video digital bit width: 8 bit

Differential gain: <1.3% (typical value)

Differential phase: <1.3°(typical value)

SNR: >63dB

### **Optical interface**

Physical interface: FC/ST

Fiber type: single-mode fiber, multi mode

Transmission distance: single mode 20Km~80KM,multi mode 500m~2KM

### **Power supply**

Input voltage: AC220/DC+5V

### **Electromagnetic compatibility**

Radiation: EN50081-1, EN55022-B, CE, FCC

Magnetic capacity: EN50130-4, EN50028-1

### **Physical characteristic**

Operating temperature: -25°C ~ +75°C

Humidity: 0~95% (no condensation)

Induction: EN50130-5, 1995

Tidal fever: BS2011

Dimension: 174×110×47mm (BNC head and installation edge not included)