



Features:

- 8-bit or digitally encoded and non-compression video transmission
- Directly compatible with NTSC, PAL, and SECAM CCTV camera systems
- Power supply and other parameter state indication, which can monitor the operation condition of system
- Support no-damage regenerative trunk of video
- Constant input optical power, and large dynamic range , no electrical or optical adjustments required .
- Industry-grade of operating temperature from -10 degree C to 75 degree C, which is applied to the different working environment
- Hot-swap function
- Stand-alone type or card-type installed in 19 inch 2U rack-mount chassis.
- Optical interface: FC/SC
- Abundant signal interface, such as video
- Max range 20km

Application:

City traffic monitoring system
Police and safe city monitoring system
High way security protection and toll station system
Building and campus monitoring system
Industrial monitoring(airport, chemical plant, steel, oil, railway, irrigation works, mine and so on)
Military monitoring(storage, frontier defense, guard, national defense and so on)
Electronic power oil field, TV station program broadcasting system
Gymnasium(live video transmission)

Specification:

Optical:

Wavelength: 1310nm

Output Power: -3 to 2 dBm

Optic fiber: 9/125u single mode

Rx sensitivity: -25 dBm

Optical connector: FC/SC

Distance: 20KM

Video:

Number of Channels: 8

Input/output impedance: BNC 75 ohm (unbalance)

Video bandwidth: 5HZ to 8MHZ

Standard video input/output voltage: 1.0Vp-p, max max 1.2Vp-p

Video voltage range: 0.6 to 2.0Vp-p

Differential Gain: < +/- 1.5%

Differential Phase: < +/- 1%
 SNR: >60dB (8 bit)
 Connector: BNC
 Operating Voltage: DC 5V
 Dimension: 165*130*30MM
 Weight: 1.2KG/Pair

Technical Parameters:

• Type	➤ HD-CVI/TVI/AHD
• Fiber Port	➤ FC/SC
• Distance	➤ 20KM
• Input/Output Wavelength	➤ Transmitter: TX1310/RX1550nm
• TX Input Level	➤ Receiver:TX1550/RX1310nm
• RX Output Level	➤ >500mVP-P
• Tx iuput Return Loss	➤ 1VP-P
• Input/Output Impedance	➤ >15dB
• Rx Up/down time	➤ 75Ω
• Rx Max. Jitter	➤ <0.8ns
• Video Port	➤ <0.2UI
• Video Bandwidth	➤ 8
• Video Capture	➤ 50MHz
• Baud Rate	➤ 8bit
• Data	➤ 1200-9600bps
• BER	➤ Terminal Blocks
• Operation Mode	➤ < 10-9
• LED Status Indication	➤ Half Duplex
• Power	➤ Fiber-link,Power,Data,Video Source
• Power Consumption	➤ DC5V 1A
• Humidity	➤ <=5W
• High and Low Temperature	➤ 10%-90%
• Installation Method	➤ -40~+75 °C