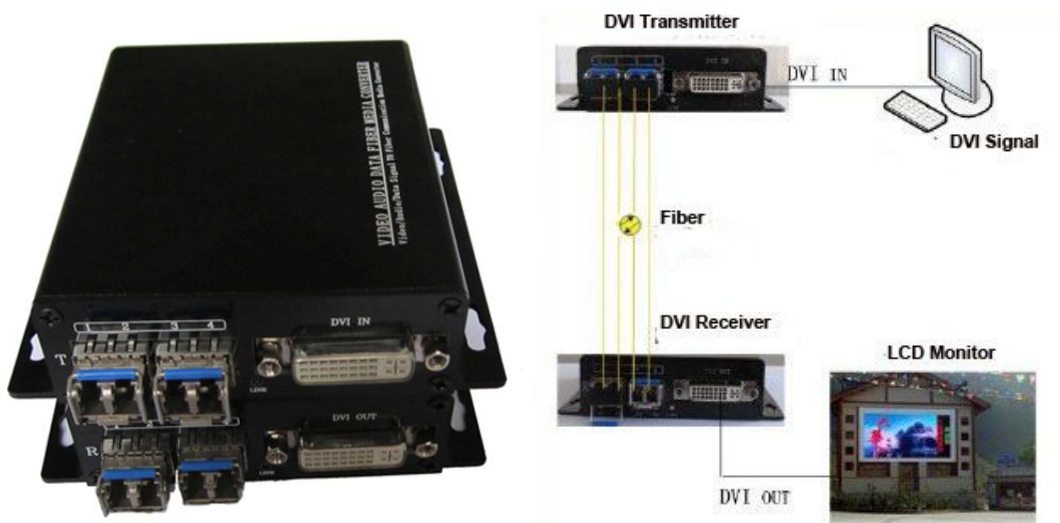


4-Cores DVI Fiber Optic Video Converter

HFB-FO-V-DVI



Introductions:

The 4-coreS DVI Fiber Optic Video Converter transmits signal over fiber from 10km to 80km, Transmitter through circuit used for the monitoring of the local computer, the receiver has an output port on the transmitter and receiver LEDs to show power, video and optical signal status .The system of specialized applications in professional A/V, security system, campus environment, industrial monitoring, as well as a large hall (Stadium), and so on, to meet remotely access a computer or video signal. Because data is transmitted through optical fibers, virtually no interference

Features:

- ◆ Card version or desktop version available, which is applied to 2U rack mounting
- ◆ 8-bit digital code and non-compression video transmission
- ◆ Support any high-resolution video signal
- ◆ 5Hz-8MHz video channel
- ◆ Automatic compatible with PAL, NTSC and SECAM video system
- ◆ With APC circuit, constant output optical power, and large dynamic range
- ◆ Kilo mega optical fiber transmission, large capacity, and easy to upgrade
- ◆ Status indicator light which can monitor it's running status
- ◆ Support no-damage regenerative trunk of video
- ◆ Advanced self-adaptive technology, All optical interface and electrical interface is unnecessary to adjust
- ◆ Industrial design and modularization design make the equipment reliable and flexible
- ◆ Can automatically restore the fuse of power supply
- ◆ Full built-in power supply, unique appearance design. External dimensions

(95mm*107mm*25mm)

◆Internal power dissipation: 2.6W (Input: AC 140~260V)

Applications:

- Intelligent Transportation System (ITS)
- Connection of Sub-network for Surveillance Center
- Public Security and protection Surveillance
- High Way and Toll Station Surveillance
- High Quality Video Conference
- Industrial Closed Circuit Television Surveillance

Video Characteristics:

Video interface number: 1- channel video

Video interface :BNC

Video input / output impedance: 75 Ω (imbalance)

Video input / output voltage : 1VP - P (peak-peak)

Bandwidth of video : 8MHz

Differential gain: (10%-90%APL) DG <0.5% (typical value)

Differential phase: (10%-90%APL) DP <0.4° (typical value)

Weighted signal-to-noise ratio:S/N \geq 70dB (max optic link dissipation)

Connector:

Video Connector: BNC

Fiber Connector: FC (ST/SC optional)

Power supply Connector: 2 cores terminal board

Operation Environmental

Environmental temperature: -30 $^{\circ}$ C ~ +75 $^{\circ}$ C

Storage environment : -40 $^{\circ}$ C ~ +85 $^{\circ}$ C

Relative humidity : 0~95%

Rated power supply voltage: AC220V/50Hz

MTBF: \geq 1000000 hours