FIBER VIDEO CONVERTER

APPLICATION

- 1 channel fiber optic video converter, with optional digitally encoded video / return or bidirectional data / unidirectional or bidirectional audio / Ethernet / Telephone / Dry contact over one multimode or single-mode optical fiber. These 1 channel fiber optic video converters are typically used in applications where the cameras have P/T/Z capabilities.

PRODUCT FACTS

- Single Channel Video Optical Terminal

PRODUCT CODE

- 1V – 1 Video
- 1V1D – 1 Video + 1 Data
- 1V1K – 1 Video + 1 Alarm
- 1V1D1A – 1 Video + 1 Data + 1 Audio

TECHNICAL DATA

Video Features	Video channel: 1 channel Video input/output impedance: BNC75ohm unbalanced interface Video input/output voltage: Typical peak-peak value 1VP-P Video bandwidth: 6.5MHz Video digital bit width: 8/10 bit Differential gain: <1.3% (typical value) Differential phase: <1.3°(typical value) SNR>63db
Audio Features	Interface terminal: standard industrial connecting terminals Audio input/output impedance: 600Ω (balanced/unbalanced) Audio input/output amplitude: 2VP-P (peak value) Audio bandwidth: 20Hz ~ 20kHz Nonlinear distortion coefficient: ≤1% Audio SNR: S/N ≥ 85dB
Data Features	Number of data channels: 1 channels Physical interface: The industry standard connecting terminal RS232 rate: DC-115.2Kbps RS422/485 rate: DC-115.2Kbps RS485 distance: 0-1200m Physical protocol: Transparent support of RS232/422/485/Manchester / Biphase protocol
Alarm Features	Interface: Standard industrial connecting terminals Alarm/switch input signals: Any active or passive alarm/switch input, supporting TTL, RS-232/422/485 and passive switch. Alarm/switch output signals: Any active or passive alarm/switch output, supporting TTL, RS-232/422/485 and passive switch. Current: Low current