

# Berneer<sup>®</sup>

## 1-16 Channel Fiber Optic Video Converter with 1-Channel Return Data



### Features

- 1-16 channel digital video with 1 channel return data over one fiber
- 8-10-12-Bit uncompressed video transmission
- Digital multiplexing technology for highest quality video transmission
- Immunity from EMI, RFI, and ground loops
- Support RS-485, RS-422, and RS-232 data protocols
- 10Hz— 10 MHz video bandwidth
- Transmit up to 60 km without optical attenuation
- With video and power LED status indicators
- Standalone or rack mount

### Specifications

Video Input/output	1~16 channel
Bandwidth	10HZ - 10MHZ
Video Connector	BNC 1.0V <sub>p-p</sub> ,75Ω
Function	Transmitter & Receiver
Differential Gain	<1%
Differential Phase	<1°

S/N Ratio	65dB
Return Date	1
Data Baud Rate	0~200kbps
Data mount	Pluggable terminal block
Data Formats	RS-232/RS-422/RS-485/TTL
Bit Error Rate	≤10E-9
Fiber	Single mode
Wavelength	1310nm/1550nm
Optical Connector	ST
Number of Fibers	1
Operating Temperature	-30°C~+75 °C
Storage Temperature	-40°C~+85°C
Relative Humidity	0% to 95% (Non-condensing)
MTBF	>100,000 hours
Power Supply	DC5V or DC12V or AC220V

## Models

Models	Video number	Return data	Connector	Fiber Cable	Max Distance	Dimensions	Weight
BN-V1001-3	1Ch	1	ST	SM	30km	110mm×82mm×30mm	0.3Kg
BN-V1001-4	1Ch	1	ST	SM	60km	110mm×82mm×30mm	0.3Kg
BN-V2001-3	2Ch	1	ST	SM	30km	230mm×150mm×37mm	0.6Kg
BN-V2001-4	2Ch	1	ST	SM	60km	230mm×150mm×37mm	0.6Kg
BN-V4001-3	4Ch	1	ST	SM	30km	230mm×150mm×37mm	0.7Kg
BN-V4001-4	4Ch	1	ST	SM	60km	230mm×150mm×37mm	0.7Kg
BN-V8001-3	8Ch	1	ST	SM	30km	481mm×260mm×45mm	1Kg
BN-V8001-4	8Ch	1	ST	SM	60km	481mm×260mm×45mm	1Kg
BN-V16001-1	16Ch	1	ST	SM	10km	483mm×320mm×36mm	1.3Kg
BN-V16001-3	16Ch	1	ST	SM	30km	483mm×320mm×36mm	1.3Kg
BN-V16001-4	16Ch	1	ST	SM	60km	483mm×320mm×36mm	1.3Kg