

DVI+Audio+RS232

Lightem DVI+AUDIO+RS232 video over fiber converter adopts the uncompressed digital HD video and high-speed digital optical fiber transmission technology advanced. It can transfer signal source (1ch DVI-D video, 1ch analog audio and 1ch RS232) to long distance terminal easily, with strong anti-interference performance, ensure the signal completed and stable. Widely used in broadcasting, video conferencing, medical teaching, education recording and broadcasting, security monitoring and other demanding industries on the video.



FEATURES

- Full digital, Uncompressed HD optical fiber transmission
- Independent bi-directional analog audio
- Support Full HD, 1920*1200@60HZ
- Support SFP Module, LC Connector
- Support EDID automatic reading
- Support DVI 1.0 Protocol
- Automatic identification and configure display mode
- Automatic equalization inside, stable and clear graphics
- Built-in ESD protection circuit, can effectively prevent static electricity loss
- Easily to installation, plug and play, no need to set up

APPLICATIONS

- Remote monitor for traffic, industrial, military control
- LCD, Projector, Plasma display connection
- Large video wall system
- Theater

AUDIO VIDEO SYSTEM

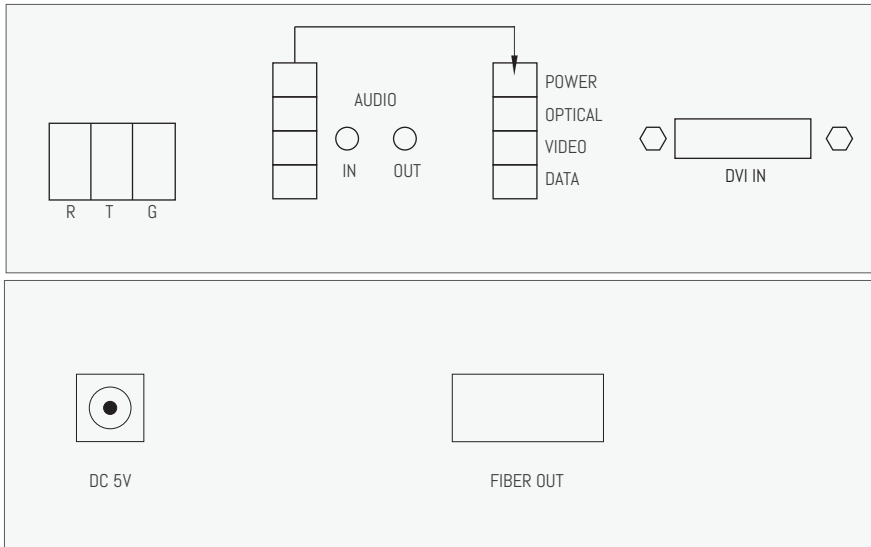
SPECIFICATIONS

Parameters	
Signal standard	UXVGA;SXGA;XGA;SVGA
Format	DVI-D
Bandwidth	300MHZ
Tx Input/Rx Output level	1VP-P
Sampling Digit	10Bit
Support Resolution	1920*1200@60HZ;1920*1080@60HZ/50HZ; 1920*1080@30HZ/25HZ;1600*1200@60HZ; 1280*1024@60HZ;800*600@60HZ;640*480@60HZ
Connector	24+5 DVI-I Female
EDID	Auto
Optical Parameter	
Tx Output power/Rx Sensitivity	-5~-10Dbm/-20Dbm
Connector	LC
Wavelength	1310/1550nm
Fiber mode	Single mode/Multi mode
Transmission distance	SM 20KM/MM 1KM
Audio Parameter	
Input/Output	Analog Audio
Connector	3.5MM Jack
Format	44.1K,48K,96K,176K,192K
BER	< 10 ⁻⁹
Data	
Data encode	RS485/RS422/RS232/Manchester
Physical interface	Industrial standard screw terminal
Frequency/Rate support	0~400 Kbps
Other Parameter	
Power Supply	DC5V
Power	2.5W
Environmental Temperature	-20°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Relative Humidity	0 ~ 95% (Non condensation)
Weight	N.W:2.2KG/Pair G.W:3KG/Pair
Dimension	167X115X28.3MM
Hosing Material	Aluminium Alloy

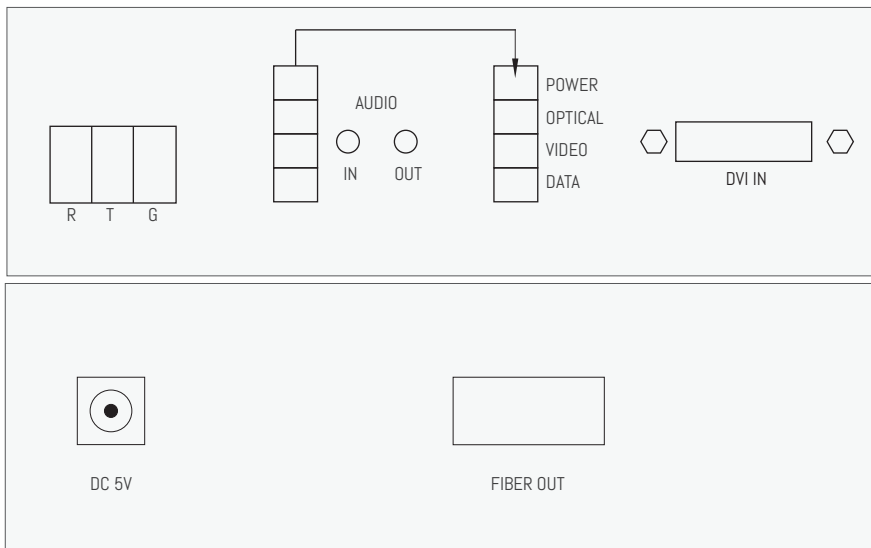
AUDIO VIDEO SYSTEM

PRODUCT DRAWING

TRANSMITTER



RECEIVER



ORDERING INFORMATION

Part Number

LDVIEXT-1D-1A-T-XXDA	Transmitter side
LDVIEXT-1D-1A-R-XXDA	Receiver side
LDVIEXT-1D-1A-XXDA	Transmitter + Receiver

Note: DVI Dual-link × 1 / 2-way full-duplex RS232 × 1, / Audio × 1

This product does not include optical fibers