



LVTXD-010-SMM/LVTXD-010-RMM Fibre Optic Video Transmitter With 1 Uni-Directional Data channel

Product Features

- **Multimode** Fibre Distance up to 2.5km
- Adjustment-free installation and operation
- One Uni-directional RS-422 data channel for PTZ control
- Compatible with PAL Video standards
- LED indicators for system monitoring
- 5 year warranty



Fibre Optic Video Transmitter	LVTXD-010-SMM	LVTXD-010-RMM
Product Description	Single channel video transmitter with 1 uni-directional data channel for Multimode Fibre Optic applications	
Technical Specifications:		
Video		
Video input:	1 Volt p-p, 75 Ohm	
Bandwidth:	5Hz - 5MHz	
Differential gain:	< 2%	
Differential phase:	< 1°	
Signal to noise ratio:	62 dB	
Connector:	BNC	
Data		
Channel 1:	RS-422 Uni-directional; Receive	
Data rate:	19200bps	
Bit Error Rate:	10 ⁻¹⁰	
Connector:	4-way removable screw terminal	
Optical		
Optic:	LED	
Optical input/output:	850nm Multimode	
Output power:	-14dBm; 2.5km Multimode	
Receiver sensitivity:	-26 dBm; 2.5km Multimode	
Connector:	ST	
Number of fibres:	2	
General		
Power supply:	12Vdc 300mA (external 220Vac PSU not included)	12Vdc 300mA
Operating temperature:	-30°C to 50°C	
Operating humidity:	0% to 95%; non-condensing	
Dimensions (mm):	130 x 108 x 26	Cage card for LITE-RACK

Fibre	Wavelength	Transmitter		Receiver		Optical Power Budget	Maximum Distance
		Model	Output Power	Model	Sensitivity		
Multimode	850nm	LVTXD-010-SMM	-14dBm	LVTXD-010-SMM	-26dBm	12dB	2.5km

* Product specifications are subject to change without notice
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