64Ch Video/Audio/Data

Lightem LBV series Single core fiber Video/Audio/Data multimeter provides a convenient way to extend the Video link by coaxial to fiber media conversion. With choices of 1, 2, 4 and 128 channels, Lightem media converter is able to transmit 8 video channels via a single fiber (singlemode or multimode). Optional Data (RS232 or RS422 or RS485) and Audio is useful for system which involves voice as well as control for camera (Pan / Tilt / Zoom control) or keyboard for control. Industry standard Data protocol ensure the compatibility between various suppliers such as Bosch, Pelco etc.

FEATURES

- 8 /10 digit coding and non compressed video transmission
- Based on proven Gigabit Ethernet Transmission
- 5Hz – 10MHz video channel
- Support PAL, NTSC, SECAM
- Optional Audio and Data transmission, single or bi directional transmission
- LED indicators for transmission status
- Stand alone or 19" Rack Mount version
- Internal Power supply
- Easy installation and adjustment free
- Plug and play

SPECIFICATIONS

Optical	
Wavelength	Distance
Multimode 850/1310nm	0-5km
Singlemode 1310nm	0-20km
Singlemode 1550nm	0-60km
Video	
Signal format	PAL / NTSC / SECAM
Interface	BNC 75 Ohm
Bandwidth	8MHz max
Digital Quantization	8 or 10bits
Signal	1V p-p typ, 1.5V max
SNR	65dB
Audio	
Signal level	2V p-p
Bandwidth	20Hz – 20kHz
Data	
Unidirectional	RS485, Dry Contact (open close circuit)
Interface	Terminal block
Bi-directional	RS485, 422, 232
General Data	
Work Temp.	0~+75°C
Non-condensing Store Temperature	-20~+65 °C
Dimension	LB64V series: 209mm x 175mm x 29mm*
Power supply	Input 110-220V AC 50Hz, Output 5V DC

* subject to configuration

ORDERING INFORMATION

64 Channels Video	
LB64V-p	64 Video (Down)
LB64Vzzz-1DU-p	64 Video (Down) + 1 Data (Up)
zzz	
M01, S20	Multimode-1km, Singlemode 1310-20km
P	
-S-T, -S-R, -R-T, -R-R	S-Standlone, R-Rackmount, T-Transmitter, R-Receiver