

Muxlab-500130

MuxLab



FEATURES

- Port switch to set Power-Thru or Pass-Thru mode
- Pin configuration table on unit
- Space efficient, rackmountable

SPECIFICATION

Muxlab-500130

Model	Muxlab-500130	
Environment	Composite video; NTSC, PAL, SECAM	
Devices	CCTV cameras, DVRs, monitors, switchers, multiplexers and other CCTV equip.	
Transmission	Transparent to the user.	
Bandwidth	DC to 8 MHz.	
Maximun Video Input	1.1Vp-p	
Insertion Loss	Less than 2dB per pair over frequency range from DC to 8MHz	
Return Loss	Greater than 15 dB over the frequency range from DC to 8 MHz	
Max. Distance	Colour: Cat 3 –1,200 ft (365m); Cat 5 – 2,200 ft. (670m) Black and White: Cat 3–1,500ft (457m); Cat 5–2,500ft (762m)	
Remote power: Switch Mode	Pass-Thru Mode (500022) Power-Thru Mode (500024/500029)	
No. of twisted pairs	2	3
Max. Distance @ 24VAC via two twisted pairs	5 VA: 350 ft (107m) 10 vA: 175 ft (53m) 20 VA: 90 ft (30m) 30 vA: 60 ft (20m)	5 VA: 518 ft (170m) 10 VA: 259 ft (85 m) 20 VA: 130 ft (43 m) 30 VA: 86 ft (28 m)
Max. Input Voltage	50 Volts (AC RMS/DC). Recommended Class II PSU with fuse protection per port	
Max. Current Rating	4.5A (AC RMS/DC)	
Wiring	Remote 2-wire PTZ control supported via one (1) twisted pair.	
Maximum Distance	Up to 4,000 ft (1.2 km) depending on the PTZ camera vendor	
Maximum Power Rating	50 Volts (AC RMS/DC); 3A (AC RMS/DC)	
Cable- UTP	24 AWG or lower solid copper twisted pair wire impedance: 100 ohms at 1MHz. Maximum capacitance: 20 pf/foot. Attenuation: 6.6dB/1000ft at 1MHz	
Cable- Coax	Impedance: 75 at 1 MHz. (RG59/U). Max. 25 ft. of coax allowed end to end.	
Connectors	Video: Sixteen (16) BNC-F (500130), Sixteen (16) 2-pole screw terminals (500131) Power: Sixteen (16) 2-pole screw terminals Control: Sixteen (16) 2-pole screw terminals. Combined signals: Sixteen (16) RJ45 jacks	
Port Configuration Switch	Sets each port as Pass-Thru (500022) or as Power-Thru (500024/500029)	
Impedance	Input: 75 ohms (BNC); Output: 100 ohms (RJ45)	
Temperature	Operating: 0° to 55°C. Storage: -20° to 85°C. Humidity: up to 95%	
Enclosure	Black, anodized aluminum	
Dimensions	19" (48.26 cm) W x 1.75" (4.4 cm) H x 1.5" (5.1 cm) D	
Weight	2.3 lbs. (1.1kgs)	

*Specification and image are subject to change without any notification

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