



*Linet Product catalog*

## »»» CCTV Patch Panel

*(BNC, Terminal Block, RJ45)*

## CCTV Patch Panel

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### Description:

The CCTV Patch panel allows the transmission of video signals, remote power and Data (control) via a single UTP (unshielded twisted pair) cable for more versatile cabling. The CCTV Patch panel allows you to eliminate more expensive coaxial cable, including coupling signals from remote video cameras to display systems, video capture, security and surveillance monitoring applications.

The modular construction allows the conjunction with Linet's CCTV standard type Balun, CCTV keystone type Balun, CCTV toolless IDC with cover type Balun, CCTV power thru Balun and CCTV Data (control) thru Balun. As well, the power converter series can be optional for longer power transmission. This modular provides cost effective solutions, as well advantages to installation.

### Feature

1. Two models: the power thru mode or data (control) thru mode
2. Low profile design
3. Mounts in standard 19" Rack

### Specification :

<b>Environment</b>	Close-Circuit TV (CCTV) equipment for security and surveillance.	
<b>Devices</b>	CCTV cameras, monitors, digital video recorders (DVR) and other CCTV equipment.	
<b>Cable-UTP</b>	Cat 5 or better, AWG# 24 Typically Maximum Capacitance: 20pf/foot Attenuation: 6.6dB/1000 ft at 1MHz	
<b>Cable-Coax</b>	Impedance: 75 ohms at 1MHz (RG59/U) Max. 25ft. of coax allowed per end to end link	
<b>Connectors</b>	Video: BNC x 16 Power and control: 4-pole screw terminals x 16 RJ45 Jack(8P8C) x 16	
<b>Switches</b>	Switching pair 4/5 between power thru and data(control) thru mode x16	
<b>RJ45 Pin Configuration</b>	<b>Power only</b>	<b>Power and Control</b>
	Video: 8+/7- Power: 1,3,5+/2,4,6-	Video: 8+/7- Power: 1,3+/2,6- Data, PTZ Control: 4+/5-
<b>Environment required</b>	Operating temp. 0 to 55° C Storage temp. -22 to 85° C Humidity up to 95%	
<b>Bandwidth</b>	DC to 8 MHz	
<b>Maximum Input</b>	1.0Vp-p	
<b>Insertion Loss</b>	Max. 2dB per pair over the frequency range from DC to 8MHz	
<b>Return Loss</b>	Greater than 15dB over the frequency range from DC to 8MHz	
<b>Common Mode Rejection</b>	Greater than 40dB at 8MHz	
<b>Max. distance</b>	Color: Cat.5/2230ft (680 Meter) Monochrome: Cat.5/2550ft (780 Meter)	
<b>Data</b>	PTZ controller by RS485 Maximum distance can be up to 1200m. over cat.5 UTP.	

### Remote Power: (ie: 24VAC, 28VAC)

	Power Only	Power and Control
<b>Max. Distance @ 24Vac via an UTP Cat 5 cable (24 AWG): Based on 10% voltage drop at camera. Longer distance may be achieved @ 28Vac</b>	5VA: 558ft ( 170m ) 10VA: 279ft ( 85m ) 20VA: 141ft ( 43m ) 30VA: 91ft ( 28m )	5VA: 377ft ( 115m ) 10VA: 187ft ( 57m ) 20VA: 95ft ( 29m ) 30VA: 59ft ( 18m )
<b>Maximum input voltage:</b>	50Vdc/ac	
<b>Maximum current Rating:</b>	4.5A	

### Application

