

BMPRJ45-HD-PK

HD CVI/TVI/AHD Cat5/6 Video & Power Extender

The BMPRJ45-HD-PK allows you to extend your Analog HD CCTV cameras to distance up to 984' (300 meters). These passive extenders will also send the power for your cameras as well. See Power and cable distance charts for these details below.

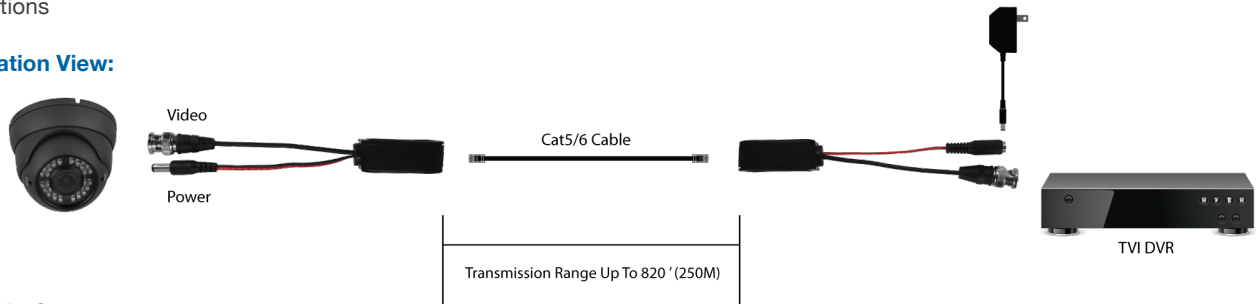
Features:

- ▶ Transmit HD-CVI/TVI/AHD video and power over one Cat5/6 cable up to 984'
- ▶ Built in ESD, EFT (impulse noise) and transient protection
- ▶ Eliminates the need of coax cable and separate power cable
- ▶ Fast, easy installation, saving time and money

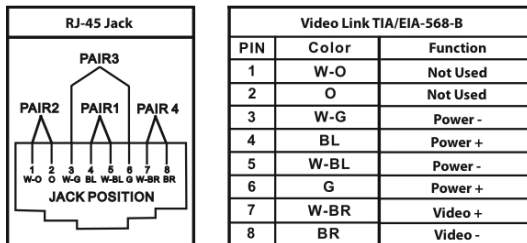
Package Includes:

1x RJ45 to BNC with DC plug x 1 piece
 1 x RJ45 to BNC with DC jack x 1 piece
 Instructions

Installation View:



RJ45 Pin Out:



Caution:

The wiring must be away from any equipment with electromagnetic signal, i.e.: mobile phone, microwave, radio equipment, fluorescent lamp, and high voltage power lines.

Voltage Drop According to Cable Length (24AWG):

Voltage:	DC-12V								
	50M			100M			300M		
	1 Pair	2 Pair	3 Pair	1 Pair	2 Pair	3 Pair	1 Pair	2 Pair	3 Pair
Power Consumption									
50mA	11.4	11.7	11.8	10.8	11.3	11.6	9.6	10.6	11
100mA	11	11.5	11.5	9.7	10.8	11.2	X	9.2	10.1
150mA	10.5	11.2	11.3	9	10.4	10.9	X	X	9.3
200mA	X	11	11.2	X	9.9	10.6	X	X	X
250mA	X	10.7	11	X	9.4	10.2	X	X	X
300mA	X	10.5	10.8	X	X	9.9	X	X	X
350mA	X	10.3	10.6	X	X	9.7	X	X	X
400mA	X	10	10.4	X	X	9.4	X	X	X
450mA	X	9.6	10.2	X	X	X	X	X	X
500mA	X	9.2	9.8	X	X	X	X	X	X

Voltage:	DC15V											
	50M			100M			300M			600M		
Range	1 Pair	2 Pair	3 Pair	1 Pair	2 Pair	3 Pair	1 Pair	2 Pair	3 Pair	1 Pair	2 Pair	3 Pair
Power Consumption												
50mA	14.4	14.7	14.8	13.8	14.3	14.6	11.9	13.6	14	X	12	12.9
100mA	14	14.5	14.5	12.7	13.8	14.2	X	12.2	13.1	X	X	11.1
150mA	13.5	14.2	14.3	12	13.4	13.9	X	11.1	12.3	X	X	X
200mA	12.6	14	14.2	11.3	12.9	13.6	X	X	11.5	X	X	X
250mA	12.1	13.7	14	10.3	12.4	13.2	X	X	X	X	X	X
300mA	11.8	13.5	13.8	X	12	12.9	X	X	X	X	X	X
350mA	11.3	13.3	13.7	X	11.7	12.7	X	X	X	X	X	X
400mA	10.8	13	13.5	X	11.2	12.4	X	X	X	X	X	X
450mA	X	12.7	13.3	X	10.7	12.1	X	X	X	X	X	X
500mA	X	12.4	13.1	X	X	11.6	X	X	X	X	X	X

Voltage:	DC24V					
	50M		100M		300M	
Range	2 Pair		2 Pair		2 Pair	
Power Consumption						
50mA	23.8		23.5		21.2	
100mA	23.4		23.1		18.7	
150mA	23.2		22.6		16.1	
200mA	22.9		22		13.5	
250mA	22.6		21.6		11.1	
300mA	22.4		21.2		X	
350mA	22.1		20.6		X	
400mA	21.8		20.1		X	
450mA	21.6		19.6		X	
500mA	21.3		19.1		X	

Specification:

Model:	BMPRJ45-HD-PK	
Input Video Signal	BNC (1V P-P, 75Ω)	
Output Video Signal	RJ45 (100 Ω)	
Power	DC-Plug	DC-Jack
Transmission Distance	HD CVI/AHD: 984' (300m), HD-TVI: 820' (250m)	
Video Bandwidth	50Hz ~ 60MHz (-3dB)	
ESD Protection	30 KV (Air) , 15 KV (Contact) ; IEC 61000-4-2 compliant	
EFT Protection	40A (5/50ns) ; IEC 61000-4-4 compliant	
Lightning Protection	2A (8/20μs) ; IEC 61000-4-5 compliant	
Surge Protection	Attack Time <1nS	
Temperature	Operation: 32 to 104°F, Storage: -4 to 140°F, Humidity: up to 95%	
Dimensions – Inches	2.72”(w) .81”(h) .98”(d)	
Weight – lbs.	.10	



Do you Need Technical Support?

ZUUM is proud to offer free technical support to ensure your product is operating correctly. If you are experiencing difficulties setting up this product, please call us for assistance 1-888-861-7351 or visit www.zuum.life Here for You 24/7