



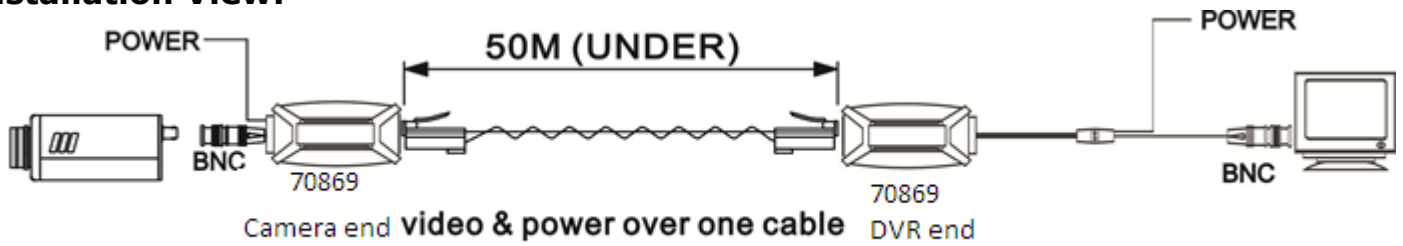
TWISTED PAIR TRANSMISSION SYSTEM – Passive Series

ITEM NO.: 70869

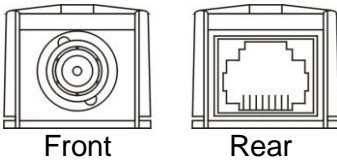
Features:

- Transmit a full motion monochrome video signal up to 600 meters, colour video signal up to 400 meters.
- Passive, No power required.
- Eliminate Coaxial Cable.
- Use UTP cable CAT5/6 cable.

Installation View:



Panel View:



RJ-45 Jack Pin Define

RJ - 45 Jack		
PIN	Color	Function
1	W-O	POWER -
2	O	POWER +
3	W-G	POWER -
4	BL	POWER +
5	W-BL	POWER -
6	G	POWER +
7	W-BR	Video +
8	BR	Video -

NOTE:

PAIR1 & PAIR2 & PAIR3 are used for POWER

Positive Power (+): PIN 2, PIN 6, PIN 4,

Negative Power (-): PIN 1, PIN 3, PIN 5

PAIR4: Video transmission

Specification:

ITEM NO.	70869 (Camera end)	70869 (DVR end)
VIDEO INPUT (BNC Connector)		1
VIDEO INPUT		1V p-p, 75 Ohms
RJ-45 OUTPUT		1
TRANSMISSION DISTANCE		600M(B/W), 400M(COLOUR)
CABLE FOR RJ-45 CONNECTOR		Twisted Pair CAT 5 (AWG24)
POWER TRANSMISSION		12VDC or 24VAC
DIMENSIONS W x H x D mm		69x25x22
OPERATING TEMPERATURE		0~50 Degrees Celsius

Voltage Input	DC12V		
Distance (Metres)	50M	100M	200M
Camera Power Consumption	3 PAIR CABLE USED FOR POWER		
50mA	11.8	11.6	DC 11.4V
100mA	11.5	11.2	DC 10.78V
150mA	11.3	10.9	DC 10.16V
200mA	11.2	10.6	DC 9.56V
250mA	11	10.2	DC 8.92V
300mA	10.8	9.9	DC 8.32V
350mA	10.6	9.7	DC 7.7V
400mA	10.4	9.4	DC 7.1V
450mA	10.2		
500mA	9.8		

Voltage	AC24V		
Distance (Metres)	50M	100M	150M
Camera Power Consumption	3 PAIR CABLE USED FOR POWER		
100mA	23.7	23.3	22.4
150mA	23.5	22.9	21.6
200mA	23.3	22.5	20.8
300mA	22.9	21.8	19.2
500mA	22.0	20.3	16.0
750mA	21.1	18.5	12.0
1Amp	20.1	16.7	
1.5Amp	18.1	13.0	

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