



**NAPCO®**

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# NAPCO ISEE-VBALUN-P1 INSTALLATION INSTRUCTIONS

WI1678 2/08

## Passive Video Balun with 12V DC Camera Power

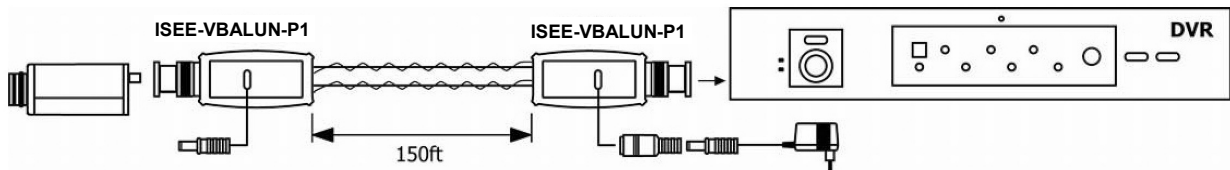
### Features:

- BNC male with 6 push-pin terminal output; male and female 12V DC plug and power lead.
- Video camera power transmission over one standard CAT 5 cable.
- Application for B/W video signal up to 2000ft / 600m, and color video signal up to 1000ft / 300m.

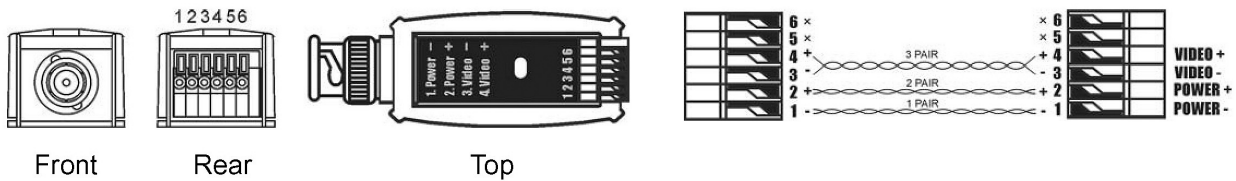


Please refer to the next page for the Voltage Drop List

### Wiring Diagram:



### Panel View:



### Specification:

<b>Model Number</b>	<b>ISEE-VBALUN-P1 (one pair kit)</b>
Video Input / Output	Screwless Terminal Block / BNC Male
Video Signal	1V p-p, 75 Ohms
Transmission Distance	2000ft / 600m (B/W), 1000ft / 300m (Color)
Cable	UTP / Twisted Pair CAT5 (AWG24)
Power	No Power Required
Dimensions W X H X D mm	69 x 25 x 20.5mm with 2" Power Lead

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UTP = Unshielded Twisted Pair

### Voltage Drop According to Cable Length (24AWG):

Voltage Range	DC15V											
	50M			100M			300M			600M		
Power Consumption	1 PAIR	2 PAIR	3 PAIR	1 PAIR	2 PAIR	3 PAIR	1 PAIR	2 PAIR	3 PAIR	1 PAIR	2 PAIR	3 PAIR
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 Range	DC24V											
	50M			100M			300M			600M		
Power Consumption	1 PAIR	2 PAIR	3 PAIR	1 PAIR	2 PAIR	3 PAIR	1 PAIR	2 PAIR	3 PAIR	1 PAIR	2 PAIR	3 PAIR
50mA	23.8	23.8	23.8	23	23.5	23.6	21	22.4	23	18.1	21.2	22.1
100mA	23.6	23.4	23.5	22.4	23.1	23.3	18.7	21.1	22.2	12.9	18.7	20.4
150mA	22.6	23.2	23.3	21.3	22.6	22.9	16.2	20	21.3	X	16.1	18.9
200mA	22.1	22.9	23.1	20.3	22	22.5	13.7	18.1	20.5	X	13.5	17.1
250mA	21.6	22.6	22.9	19.4	21.6	22.2	10.9	17.4	19.6	X	11.1	15.4
300mA	21.1	22.4	22.7	18.4	21.2	21.9	X	16.1	18.8	X	X	13.8
350mA	20.6	22.1	22.5	17.5	20.6	21.6	X	15	18.1	X	X	12.2
400mA	20.2	21.8	22.3	16.5	20.1	21.2	X	13.9	17.3	X	X	10.7
450mA	19.7	21.6	22.1	15.5	19.6	20.9	X	12.7	16.6	X	X	X
500mA	19.1	21.3	21.9	14.5	19.1	20.5	X	11.3	15.4	X	X	X