

# GV-TPCVP2

Single Channel Passive Video and Power Transceiver, 2 pair

video **PLUS**™



## Summary

The GV-TPCVP2 is a combination passive transmitter/receiver with one pair of video and two pairs of power over one CAT5 or CAT5e cable for longer range. The transceiver conveniently attach to the BNC connector on the back of a standard camera or to a lead with a BNC connector typically found on dome cameras.

This transceiver is capable of transmitting video and power over one CAT5 or CAT5e cable up to 1,000 feet. By using the GV-TPCVP2 transceiver from the RJ45 connection, you can simply install to a standard camera with single pair for power and BNC for video.

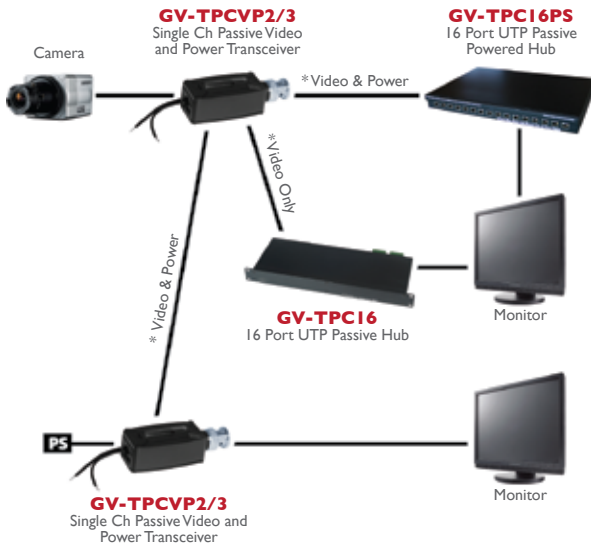
\* Please note that no surge suppression component can protect against all transient voltage spikes



Video (Dome Camera)

Power (Dome Camera)

## System Configuration



## Maximum Cable Distances

Passive to Passive Systems

VIDEO ONLY	
B/W Camera to Monitor	2000 ft. max.
Color Camera to Monitor	1200 ft. max.
Color Camera to DVR	1000 ft. max.
VIDEO AND POWER	
Camera Current Draw	2pr. Operation
150ma @ 24VAC	700 ft. max.
300ma @ 24VAC	350 ft. max.
500ma @ 24VAC	200 ft. max.
1000ma @ 24VAC	100 ft. max.

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

JACK POSITION

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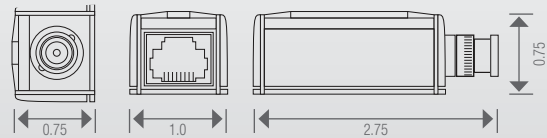
video PLUS™



## Specifications

Video (BNC Connector)	1 (1V p-p, 75 Ohms)
Transmission Interface	RJ45
Power Output	2-20 AWG leads
Input Resistance @ BNC	75 Ohms
Insertion Loss	< 2dB
Bandwidth	20Hz ~ 11MHz +0/-3dB
Ground Loop Resistance	>90dB
Cable	Twisted Pair CAT5 (AWG24)
Material	PVC Black
Weight	2.5oz / 70g
Dimension (W x L x H)	1.0 x 2.75 x 0.75 / 25.4 x 69.9 x 19.1 mm
Operating Temperature	14°C ~ 122°F (-10°C ~ 50°C)

## Dimensions (unit : in) Front/Rear Panel



## Certifications



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