

# GV-TPCI6PS

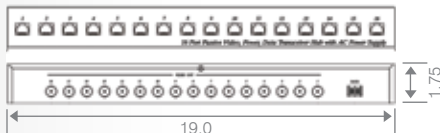
## 16 Port UTP Passive Powered Hub

video PLUS™



### Dimensions (unit : in)

Front/Rear Panel



### Summary

The GV-TPCI6PS Powered Hub is a 16 port Unshielded Twisted Pair (UTP) concentrator that is compatible with the full line of GVI Video Plus™ products. The Hub transmits video, camera power and bi-directional, half duplex data over a single CAT5 or CAT5e cable, utilizing a single UTP to replace traditional Coaxial cable for real time color video.

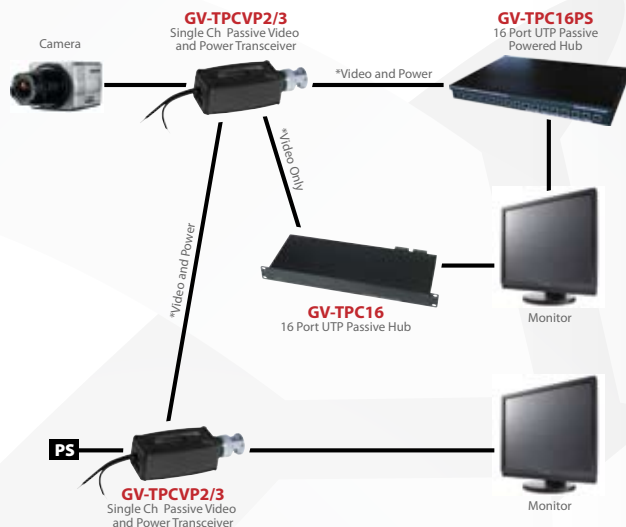
### Features

- Saves labor time by using one CAT5 or CAT5e cable with 4 pairs replacing coax, power and data cable
- By using an existing data cable in an existing infrastructure, the hub will reduce the installation cost
- Transmits video, data and power up to 1,000 feet w/ passive balun such as the GV-TPCVPD
- Easily connect to field devices w/ 16 BNC outputs
- By having a CAT5 or CAT5e installed with Video Plus™ Hub you will future proof your video system for IP products
- The Hub is a standard 1RU, 19" rack mount for quick and easy installation
- Please note that no surge suppression component can protect against all transient voltage spikes

### Specifications

Video Input port	16 RJ45 connectors
Video output	16 BNC connectors 1Vp-p @75Ω
Data input	Screw terminals
Insertion loss	<0.5dB
Bandwidth	20Hz-11MHz, +0/-3dB
Input resistance @ UTP	100Ω
Output resistance @ BNC	75Ω
Ground Loop rejection	>90dB
Isolation voltage	600 VDC
Transient voltage suppression	12Vrms
Power input	120vac
Power Output	24vac @0.5 amps per camera 8 amps total Includes a no fuse breaker for power
Weight	11.2 lb / 5.1 kg
Dimensions	19 x 6.7 x 1.75 in / 482 x 170 x 44 mm
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Certifications	UL, FCC

### 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	3pr. Operation
150ma @24VAC	700 ft. max.	1000 ft. max.
300ma @24VAC	350 ft. max.	500 ft. max.
500ma @24VAC	200 ft. max.	300 ft. max.
1000ma @24VAC	100 ft. max.	150 ft. max.
VIDEO, POWER AND DATA		
<ul style="list-style-type: none"><li>• The above "Video and Power" distance apply for each camera</li><li>• In addition, the combined length of all data cables for all cameras must not exceed 3000 ft.</li></ul>		

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This product specifications and manual are also available in pdf format at [www.gviss.com](http://www.gviss.com)  
The information is subject to change without notice • v2.6.09

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