video **PLUS** ™

GV-VB59SP
Tool-Less Video Balun with Surge Protection

Dimensions (unit : in)

Front/Rear Panel

0.625
0.8125
2.282
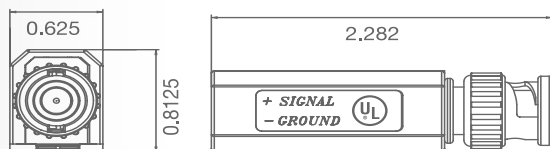
+ SIGNAL
– GROUND
UL

Summary

The GV-VB59SP provides a highly cost-effective solution by allowing the transmission of video signals up to 2000 feet using ordinary unshielded twisted pair (UTP) cable. The GV-VB59SP's unique design requires no tools to install which results in immense time savings. The GV-VB59SP provides protection by the use of a gas discharge tube which protects the video balun and downstream equipment from transient voltage by instantly breaking the circuit. Once the transient voltage has subsided the circuit returns to normal. This can happen up to 200 times with no degradation of the component.

Features

- Transmits video up to 2000 feet
- Connect to BNC output devices
- Exceptional noise and interference rejection
- Surge protected

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

| Video | Video (box camera) | GV-VB59SP (DVR) |

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.

Easy Installation

1. Slide off cover, lift orange IDC connectors and insert wires.

2. Press/click down IDC connectors and gently pull wires to test connection.

3. Installation complete.
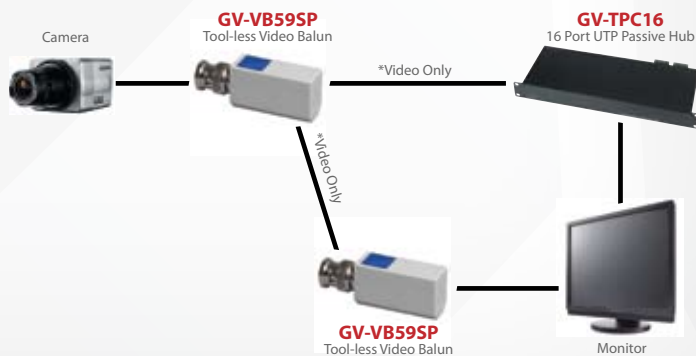
4. Reinstall cover-slide closed.

5. Ready to use in 1 minute.

Specifications

Video Bandwidth	DC to 6 MHz
Video Format	NTSC, PAL, SECAM
Distance	Using Cat 5 cable up to 2000 feet or more*
Surge protection	Gas discharge tube*
Wire	Unshielded Twisted Pair Cat 3, 5 or better 22 to 24 gauge solid copper
Impedance	BNC Connector Side - 75 ohms (unbalanced)
	UTP Connector Side - 100 ohms (balanced)
Humidity	0 to 95% (non condensing)
Mechanical Size (W x H x D)	2.28 x 0.63 x 0.81 in / 58.1 x 16 x 20.57 mm
Mounting	Floating
Warranty	Limited Lifetime
Regulatory	UL/CUL Listed
Flammability	94V-0
Weight	4.4 oz / 124.7 g
Dimensions	159.6(Ø) x 176(D) mm - 6.26"(Ø) x 6.78"(D)
Operating Temperature	-14° ~ 122°F (-10º ~ 50ºC)
Certifications	UL, FCC

System Configuration

Camera

GV-VB59SP
Tool-less Video Balun

*Video Only

GV-TPC16
16 Port UTP Passive Hub

*Video Only

GV-VB59SP
Tool-less Video Balun

Monitor

SAMSUNG | GVI Security • Toll Free: 888-595-2288 • Fax: 972-245-7333
This product specifications and manual are also available in pdf format at www.gviss.com
The information is subject to change without notice • v2.6.09

SAMSUNG

GVI Security