

**BRAVO COMMUNICATIONS, INC.**

**SURE/FIRE® 4-PORT PoE LAN / NETWORK HUB PROTECTOR**

**MODELS PoE/LAN1HUB & PoE/LAN2HUB**

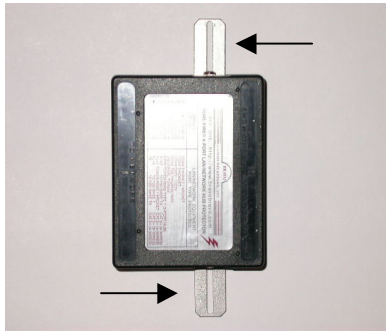


- ◆ Protects All CAT. 5 / CAT. 6 Power Over Ethernet ( PoE) Ports Up Thru Full Duplex Ethernet
- ◆ Model PoE/LAN1HUB Supports All PoE Equipment For Up To 48 Watts On Power Lines 4,5,7,8
- ◆ Model PoE/LAN2HUB Supports All PoE Equipment For Up To 48 Watts On Power Lines 1,2,3,6
- ◆ Meets All PoE Standards Including IEEE 802.3af And Major Legacy Vendor Standards.
- ◆ Protects All 8 Signals/Wires Per Port Up To 155 Mhz With Straight-Thru Wiring
- ◆ 4-Port Building Block Architecture With Single-Point Grounding
- ◆ Each Hub Module Includes Four Convenient Grounding Screw Locations--Two On The Bottom Side And Two On The Sides
- ◆ 4-Port Modules Can Be Stacked Vertically And Horizontally For Unlimited Hub Expansion And Modularity As The Network Grows Or Changes
- ◆ Allows The Network Designer To Wall Mount, Desk Mount, Or Equipment Mount Directly To Premise Earth Grounding System Or Chassis/Frame Ground Or As Desired
- ◆ Comes Complete W/ 2 Grounding Brackets, A 12 AWG Ground Wire & 4 Rubber Feet
- ◆ Individual LAN Port Surge Test Light For All Ports (Diamond-Shaped Red LED)
- ◆ Hubs Come In Injection Molded, Fire Retardant Plastic. Hub Front And Back Panels Can Be Color Coded For Easy Port Identification (Black Is Standard). Heavy-Duty Shielded Brushed Aluminum Hubs Are Also Available.
- ◆ Individual Hub Modules Are Hot Swappable In The System
- ◆ Stops All Voltage Transients Greater Than  $\pm 8$  Volts And Up To 25K Amps Per Line In Less Than A Pico-Second for Data Only Signals; Nominally  $\pm 90$  Volts And Up To 20K Amps Per Line In Less Than A Nano-Second for Data Plus Power Signals.
- ◆ Protects LAN Equipment Repeatedly And Then Automatically Resets Itself
- ◆ Unique 3-Stage Protection Is Powerful Enough To Use For Both Inter-Building And Intra-Building Cable Run Installations.
- ◆ Compatible With Both PoE and Non-PoE Equipment Installations For Universality
- ◆ 5-Year Limited Warranty

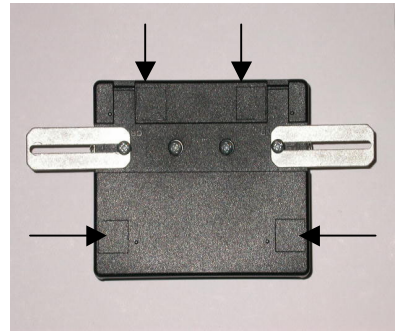


**GND SCREWS**

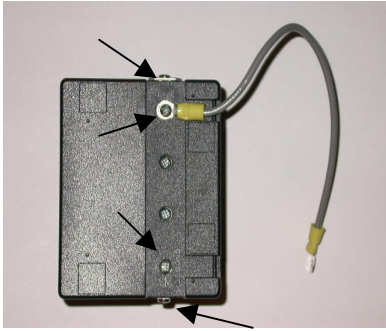
**REAR PANEL VIEW**



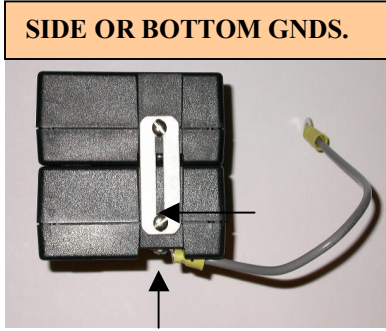
**WALL-MOUNT VIEW  
WITH GROUND BRACKETS**



**BOTTOM VIEW WITH  
GND BRACKETS & 4  
RUBBER FEET AREAS**



**BOTTOM VIEW WITH  
12 AWG GROUND WIRE  
(4 GROUNDING LOCATIONS)**



**SIDE OR BOTTOM GNDS.**

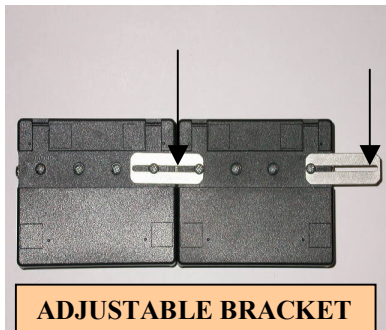
**SIDE VIEW WITH VERTICAL  
STACKING & GROUND WIRE**



**MULTI-VIEW WITH  
VERTICAL STACKING**



**TOP VIEW WITH  
HORIZONTAL STACKING &  
GROUND/MOUNT BRACKET**



**ADJUSTABLE BRACKET**

**BOTTOM VIEW WITH  
HORIZONTAL STACKING &  
GROUND/MOUNT BRACKETS**



**RING  
TERMINAL**

**TOP VIEW WITH  
HORIZONTAL STACK  
& GROUND WIRE**

# **SURGE PROTECTION BUILDING BLOCKS**



**Note: All dimensions are specified as inches / millimeters.**

**BRAVO COMMUNICATIONS, INC.**  
**3463 MEADOWLANDS LN**  
**SAN JOSE, CA 95135 U.S.A.**

**PART NUMBERS: PoE/LAN1HUB**  
**PoE/LAN2HUB**

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