

ampware™

VIDEO SPECIFIC UTP SURGE PROTECTION

Protecting CAT-5/6 Video Extension Equipment from Electrical Surges

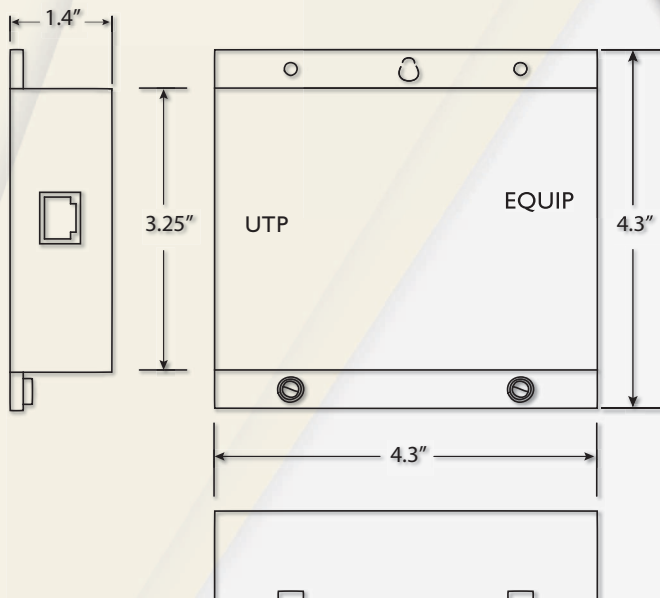
“TPS releases its new product line, “**ampware**” – Video Specific UTP Surge Protectors. **ampware** has been designed specifically to prevent damage to UTP based video equipment. **ampware** surge protectors are installed in line with UTP video transmission equipment to provide an, “industry first” surge protection device. UTP line surges can result from faulty or poorly designed grounding systems, or because equipment is connected to different power feeds. Nearby lightning events can also induce surges on the UTP lines especially in outdoor signage applications. Other UTP surge devices can cause severe signal degradation when used in video applications, whereas ampware has been specifically designed and tested for use with UTP video transmission equipment.

Standard LAN type surge arrestors do not protect UTP video equipment! Due to their specific design application for computer data transfers, they do not prevent surges from causing damage to video equipment. Many LAN protector’s voltage levels cause distortion of the of the video signals, reducing noise immunity and can result in periodic loss of sync signals.

ampware surge protectors are designed specifically to work with UTP video equipment. They provide excellent and robust protection without compromising video performance or image quality. These enclosures can be daisy-chained together, maintaining ground connection from unit to unit without the need for external wiring.



Product Dimensions



TPS ampware surge protectors prevents damage to UTP based video equipment



Ordering Information (Sold as pairs)

I/O Configuration	TPS Part Number
RJ-45	829-0421-01

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Typical installation - Ampware Video Specific UTP Surge Protectors

To provide maximum protection, the ground connections must be bonded to each location as shown. Use #14AWG or heavier tinned, stranded wire. Keep ground wire runs as short as possible. Please contact TPS for any additional technical support that may be needed.



WIRING DIAGRAM

