

# Installation and Operation Manual



## CAMIP1 Camera Surge Protector

### INSTALLATION

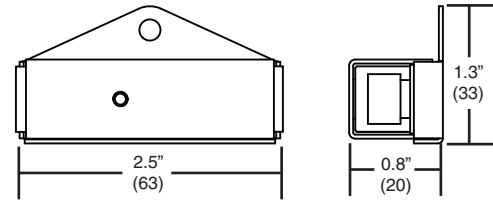
The CAMIP1 must be properly installed to insure maximum protection. The function of the CAMIP1 is to allow a surge to be routed to ground and to clamp the protected equipment inputs to a minimum voltage.

There are three key points to remember when installing the CAMIP1.

First provide a low impedance connection between the CAMIP1 and your protected equipment. This is best done by keeping the PROTECTED cable connection as short as possible, ideally 3 feet or less.

Second the system should use a single ground point. Connect the grounding wire of the CAMIP1 to a single ground point. A single ground point is a proper earth ground to which equipment grounds are connected. Ideally the protected equipment should be isolated from ground.

Finally, the UNPROTECTED cable should not be crossed with the PROTECTED cable. Crossing cables could provide a path for surge currents to bypass the CAMIP1 protection circuits.



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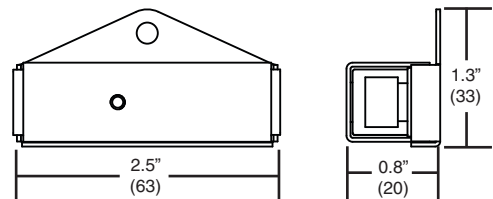
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