

**Models: MSL-PTZ-UTP / MSL-PTZ-BAL / MSL-PTZ-BNC**

**\* Low voltage power, data and video surge protection \***

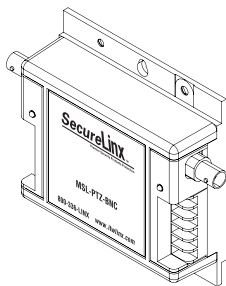
## NOTE

**This product is not intended for direct outdoor exposure to the elements, use a NEMA 4X rated or comparable enclosure for outdoor installations.**

## ⚠ WARNING ⚠

**Do not install during a lightning storm**

1. Check the power, data and video signals before product installation to verify signal integrity and no video distortion.
2. Power down and disconnect the circuit before beginning installation.
3. Determine a location for the protector mounting between the field wiring from the camera and the equipment to be protected.  
**NOTE: Allow for the surge protector reaction time by providing at least 6ft (1.5 meters) of conductor length between the SecureLinx unit and the equipment to be protected.**
4. Securely mount the protector unit on a solid surface between the field wiring from the camera and the equipment to be protected, using provided screws.
5. If the protector is to be used as a stand-alone, for the ground connection, connect a minimum #14 AWG wire from the ground terminal tab to common earth ground with 1 ohm or less (0.5 ohms preferred). Use a single ground for the protector and the protected equipment to eliminate differences in ground potential.
6. For video protection, connect the unprotected video cable input from the camera to the BNC (or UTP) camera unprotected VIDEO side of the protector. Connect the video cable from the equipment (DVR) to the protected VIDEO side of the protector.
7. For data protection, connect the data wires from the camera to the unprotected DATA terminals of the protector. Connect wires from the protected DATA terminals to the equipment to be protected.
8. For 24VAC (or 12VDC) power protection, connect the supply wire from the camera to the unprotected PWR terminals. Connect the power supply wires to the protected PWR terminals.
9. After all connections have been made and no hazards exist, restore power.
10. Check the POWER, DATA and VIDEO signals after installation of the MSL-PTZ-xxx protector to insure proper install and no signal distortion.



MSL-PTZ-BNC

