



LPS[®] CP-CCTV & CP-4DVR

INSTALLATION INSTRUCTIONS

The **LPS[®] CP Series** are Surge Protective Device (SPD) for coaxial cable with BNC connectors. The Standard Clamping Voltage is:

± 2V (Centre Conductor - Screen) & 82V (Screen-Earth) @ 1mA for CP - CCTV & CP - CCTV(FF).

±2V (Center Conductor - Earth) @ 1mA for CP - 4DVR

TECHNICAL SUPPORT

T: +603-7980 5911 E: info@lpsystem.com

Safety Precautions & Installation Procedures

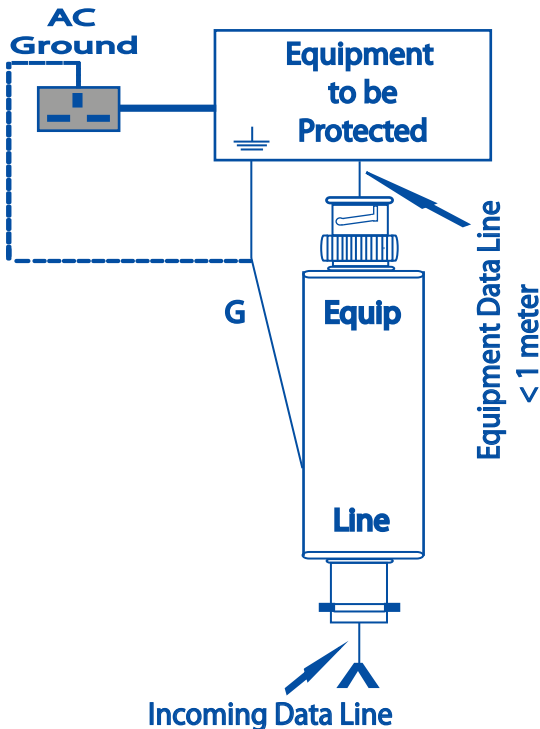
1. Do not install during thunderstorm.
2. Turn Off power supply to all equipment to be protected.
3. Verify that the equipment chassis is earthed.
4. Connect the ground wire cable lug of the SPD to the metal chassis equipment by;
 - i. Removing a screw on the metal chassis that is within reach of the ground wire.
 - ii. Removing any paint around the screw hole.
 - iii. Tightening screw with ground wire cable lug under it.
 - iv. If equipment has no metal chassis, connect the ground wire to the nearest power socket earth / earthed metal equipment rack / earthed metal bracket which support the equipment.
5. Connect the incoming coaxial cable (with BNC connector) to LINE of the SPD. Then add a coaxial patch cable with BNC connector between the equipment and Equipment Connector of the SPD.
6. Apply power to the now protected equipment.

Trouble - shooting

1. Check to see if your equipment is turned on.
2. Inspect all connections.
3. Remove and by - pass SPD and verify proper operation. If the system comes back on line without the SPD installed, chances are the SPD has been damaged by excessive surge. Replace the SPD as soon as possible with a new SPD. It is not advisable to run the system without SPD.

Important Note:

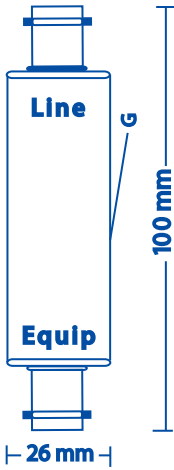
- All LPS[®] Products must be connected to Power Earth, directly or indirectly.
- All connecting leads must be as short & as straight as possible. The SPD must be less than 300mm away from the equipment to be protected.



(Overhead cable / underground cable / indoor equipment > 30 meters)

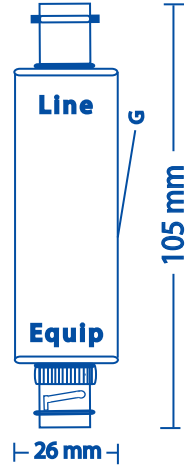
CP - CCTV (FF)

BNC Female (Equipment)
BNC Female (Line)



CP - CCTV

BNC Male (Equipment)
BNC Female (Line)



CP - 4DVR

BNC Female (Equipment)
BNC Female (Line)

