

Installation Manual for the Gatekeeper LAN/POE Protector

Important Note: It is imperative that you read and understand the following installation instructions. Failure to do so may incur damage to the protector or impede its performance.

1. Introduction:

These installation instructions apply to the Gatekeeper GKLAN Series range of protectors as follows:

GKLAN-C5/UTP1
GKLAN-C5/C6UTP16
GKLAN-C5UTP24
GKLAN-C5UTP48
GKLAN-C6UTP1
GKLAN-C6UTP16

GKLAN-C5POE24/48
GKLAN-C6POE1/48
GKLAN-C6POE16/48



GKLAN-UTP1



GKLAN-UTP & GKLAN-POE RACK
MOUNT

The Gatekeeper GKLAN is a series connected surge protector ideally suited for connection to the twisted pair cable just before it terminates into the equipment. Either single in line to rack mount.

Key: Example: GKLAN-POE-1/5

Gatekeeper	Application				Voltage	
GK	LAN	-	UTP	-	1	5
	Application			Number of ports		

2. Installing the Device:

GKLAN-UTP1

- The unit is a series-connected device, which means it must be connected in series with the equipment being protected.
- Confirm that the SPD is the correct voltage for the equipment being protected.
- Disconnect all power to the equipment the SPD is being installed on.
- Ensure the GKLAN is mounted next to the equipment being protected.
- Connect the incoming cable into the **Line In** side of the protector. Using a straight through patch lead, connect the **Line Out** Side of the protector to the equipment. To be protected. Ensure all connections are properly seated.
- Earth the protector to the same point as the equipment. This may be the chassis of the equipment or the rack the equipment is mounted into.
- The rack mounted units can be installed by using the 4 screw holes at its four corners and connect the M4 screw earth stud on the rear to the chassis of the rack.

4. Upon Completion:

- Once installed, check the operation of the device by checking that the equipment is operating correctly.
- If the equipment does not come back online then remove the protector and retest the equipment. If the equipment successfully operates then recheck your installation and if it is correct, contact your supplier to start the Warranty replacement procedure.
- After a severe surge has occurred and if the equipment signal is not present, disconnect the protector, reconnect the equipment and ensure it is operating. Once confirmed replace the protector and discard the old one.