

PES100 / PIP100 / PIS200 QUICK INSTALLATION GUIDE

Inscape Data's Power over Ethernet surge suppressor and injector is purpose built to protect Ethernet enabled electronics and equipment from lightning and harmful transient voltages. It is designed with low impedance and insertion loss to minimize data packet loss and information integrity as it travels across the lines. Polymer data line protection allows data transmission speeds up to 100 MBPS.

Package Contents

- PES100 / PIP100 / PIS200
- Ground Wire
- Installation Guide / Warranty

PES100 (See Figure 1)

This is an Ethernet In-Line Surge Suppressor with support up to 48VDC PoE Protection. Data and power are both protected by the PES100. Connect the RJ45 accordingly then secure the ground wire to an appropriate grounding point.

PIP100 (See Figure 1)

This is a one port Power over Ethernet Injector with voltage support up to 48VDC. The port labeled "ODU" provides power and "RJ45" provide data connectivity. Connect the RJ45 jacks accordingly then secure the ground wire to an appropriate grounding point.

PIS200 (See Figure 2)

This is a two port Power over Ethernet Injector with Voltage support up to 48VDC. It is used to power two PoE devices with the same DC PoE voltage. Data and power are both protected by the PIS200.

PIP100 & PES100 System Configuration for Outdoor Video Camera Applications

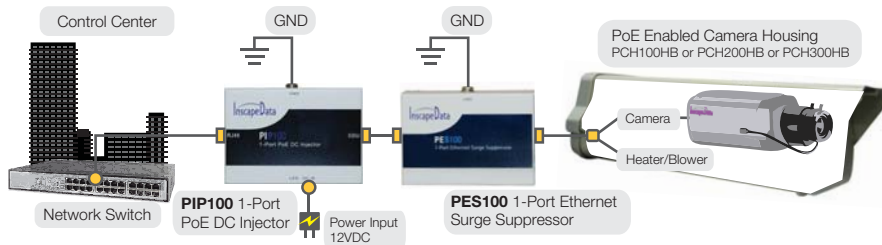


Figure 1

PIS200 System Configuration Simultaneous Surge Suppression and Power Injection to Two Devices

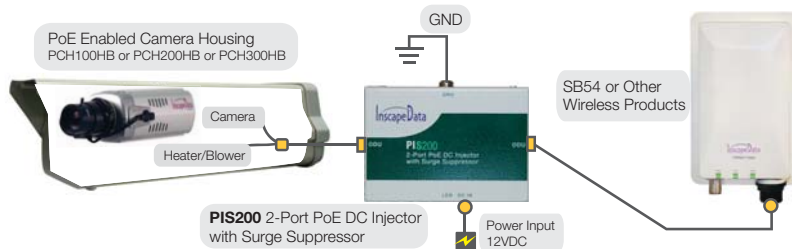


Figure 2

Caution: Powering two devices with dissimilar voltage with PIS200 may damage the interconnected device. Please take caution to ensure voltage compatibility. For example, it is not recommended to use one 12VDC PoE device and one 48VDC PoE device.

Caution: Surge protection effectiveness is directly related to the quality of the grounding point. Not securing the grounding point to an appropriate ground will leave the device unprotected.

Inscape Data Corporation

United States Headquarters 1611 South Main Street, Milpitas, CA 95035, U.S.A.

PHONE +1.408.935.8500 TOLL FREE 1.888.267.4507 FAX +1.408.935.8900 EMAIL sales@inscapedata.com

Asia Headquarters Inscape International Co., Ltd 9F, No 358, Jhonghe Rd., Jhonghe City, Taipei County 235, Taiwan, R.O.C.

PHONE +886.2.2924.0868 FAX +886.2.2924.4385

Two Year Limited Warranty

Warranty Information

Thank you for purchasing an Inscape Data's product.

1. IF YOU PURCHASED OR LEASED YOUR NETWORKING PRODUCT DIRECTLY FROM YOUR SERVICE PROVIDER, PLEASE CONTACT YOUR SERVICE PROVIDER OR ITS AUTHORIZED REPRESENTATIVE TO DETERMINE IF YOUR PROVIDER PROVIDES THE WARRANTY SERVICE FOR THIS PRODUCT.
2. IF THE PRODUCT YOU PURCHASED IS WITHIN TWO YEARS FROM THE DATE OF PURCHASE AND YOU PURCHASED YOUR INSCAPE DATA'S PRODUCT FROM AN AUTHORIZED RESELLER, A DISTRIBUTOR, OR AN ONLINE STORE, PLEASE CONTACT THE AUTHORIZED RESELLER, THE DISTRIBUTOR, OR THE ONLINE STORE FOR ANY WARRANTY OR PRODUCT RELATED SERVICES. WHEN YOU REQUEST THE WARRANTY OR PRODUCT RELATED SERVICES, THE COMPLETE PACKAGING AND PROOF OF PURCHASE MUST ACCOMPANY THE PRODUCT.

Conditions Of Sale

1. CUSTOMER OBLIGATIONS:

- A. CUSTOMER ASSUMES FULL RESPONSIBILITY THAT THE PRODUCT PURCHASED AND ANY COPIES OF SOFTWARE INCLUDED WITH IT OR LICENSED SEPARATELY, MEET THE SPECIFICATIONS, CAPACITY, VERSATILITIES AND OTHER REQUIREMENTS OF THE CUSTOMER.
- B. CUSTOMER ASSUMES FULL RESPONSIBILITY FOR THE INSTALLATION AND EFFECTIVENESS OF THE OPERATING ENVIRONMENT IN WHICH THE PRODUCT AND SOFTWARE ARE TO FUNCTION.

2. LIMITED WARRANTIES AND CONDITIONS OF SALE:

- A. MANUFACTURER WARRANTS THAT THIS PRODUCT IS FREE FROM ALL DEFECTS IN MATERIALS AND WORKMANSHIP FOR ONE YEAR FROM THE DATE OF PURCHASE FROM AN AUTHORIZED DEALER.
- B. EXCEPT AS PROVIDED HEREIN NO EMPLOYEE, AGENT, FRANCHISE, DEALER OR OTHER PERSON IS AUTHORIZED TO GIVE ANY WARRANTIES OF ANY NATURE ON BEHALF OF MANUFACTURER.
- C. IF THE PRODUCT IS SENT BY MAIL OR FREIGHT, THE PURCHASER AGREES TO PAY SHIPPING CHARGES, INSURE THE PRODUCT OR ASSUME THE RISK OF LOSS OR DAMAGE THAT MAY OCCUR IN TRANSIT, AND TO USE A SHIPPING CONTAINER EQUIVALENT TO THE ORIGINAL PACKAGING.
- D. ONCE A PRODUCT IS RETURNED, THE MANUFACTURER WILL AT ITS OPTION, REPAIR OR REPLACE THE DEFECTIVE PRODUCT OR COMPONENTS, TO WHATEVER EXTENT IT DEEMS NECESSARY TO RESTORE THE PRODUCT OR COMPONENT TO PROPER OPERATING CONDITION.
- E. MANUFACTURER SHALL NOT BE LIABLE FOR ANY DAMAGES CAUSED BY DELAY IN DELIVERING OR FURNISHING EQUIPMENT AND/FOR SOFTWARE.

3. LIMITATION OF LIABILITY:

- A. THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR THE FAILURE OF THIS PRODUCT OR COMPONENT THEREON. RESULTING FROM ACCIDENT, ABUSE, OR MISAPPLICATION OF THE PRODUCT, AND MANUFACTURER ASSUMES NO LIABILITY AS A CONSEQUENCE OF SUCH EVENTS UNDER THE TERMS OF THIS WARRANTY.
- B. WHILE MANUFACTURER HAS MADE EVERY EFFORT TO PROVIDE CLEAR AND ACCURATE TECHNICAL INFORMATION ABOUT THE APPLICATION OF ITS PRODUCTS, MANUFACTURER ASSUMES NO LIABILITY FOR ANY EVENTS ARISING OUT OF THE USE OF THE TECHNICAL INFORMATION.
- C. ANY AND ALL IMPLIED WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR USE, SHALL HAVE NO GREATER DURATION THAN THE PERIOD FOR THE EXPRESSED WRITTEN WARRANTY APPLICABLE TO THIS PRODUCT AS SHOWN ABOVE, AND SHALL TERMINATE AUTOMATICALLY AT THE EXPIRATION OF SUCH PERIOD.
- D. NO ACTION SHALL BE BROUGHT FOR BREACH OF ANY IMPLIED OR EXPRESSED WARRANTY AFTER 30 DAYS SUBSEQUENT TO THE EXPIRATION OF THE PERIOD OF THE EXPRESSED WRITTEN WARRANTY.
- E. INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY MALFUNCTION, DEFECT OR OTHERWISE AND WITH RESPECT TO BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ARE NOT THE RESPONSIBILITY OF MANUFACTURER, AND TO THE EXTENT PERMITTED BY LAW ARE HEREBY EXCLUDED BOTH FOR PROPERTY AND TO THE EXTENT NOT UNCONSCIONABLE, FOR PERSONAL INJURY DAMAGE.
- F. IN ANY EVENT, MANUFACTURER LIABILITY SHALL NOT EXCEED THE WHOLESALE PRICE OF THE PRODUCT.
- G. SOME STATES OR COUNTRIES DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY MAY LAST, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS, THAT MAY VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY.
- H. THIS WARRANTY APPLIES ONLY TO THIS PRODUCT, AND IS GOVERNED BY THE LAWS OF THE STATE OF CALIFORNIA, THE UNITED STATES OF AMERICA, BASED ON ANY CLAIM ARISING FROM USAGE OF THIS PRODUCT MUST BE FILED AND PROSECUTED IN A COURT OF COMPETENT JURISDICTION LOCATED IN THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA.