

Date: _____ Type: _____

Firm Name: _____

Project: _____



Power Over Ethernet Injector

Single-port PoE adapter

Designed for use with Philips Color Kinetics controllers that require Power over Ethernet (PoE) when a PoE-compliant Ethernet switch is not available, this compact PoE injector features simple data and power connections. Each PoE injector can supply power and data to one PoE-compliant device, such as Ethernet Controller Keypad or ColorDial Pro.

- Power over Ethernet increases flexibility — The IEEE 802.3af standard for Power over Ethernet (PoE) enables both electrical power and data to be transmitted over a single twisted-pair cable. Shared cabling reduces installation costs, decreases the space required for wires, and affords freedom of placement by eliminating wiring to a power source.
- Simple installation — Connects to AC power with a standard IEC plug. Installs inline with standard CAT 5e Ethernet cables.
- For use in virtually any environment — Universal AC input voltage rating of 100 – 240 VAC and major safety approvals including cUL / UL, CE, and FCC make the injector usable around the world.
- Compact and easy to use — Case size is just 5.5 in (140 mm) x 2.6 in (65 mm). Provides total output power of 15.4 W. Diagnostic and indicator LEDs display ON and fault states for easy troubleshooting.



Power Over Ethernet Switch

8-port Gigabit Ethernet switch with 4 PoE ports

This compact, 8-port desktop Ethernet switch provides four PoE ports for use with PoE-compliant controllers from Philips Color Kinetics, such as Ethernet Controller Keypad, ColorDial Pro, and Multi-Protocol Converter. With plug-and-play operation, you can easily connect PoE-enabled devices using standard CAT 5e or better Ethernet cables.

- No additional hardware required — Native support for the IEEE 802.3af standard for Power over Ethernet sends power and data to PoE devices over a single cable. No additional wiring, power sources, or adapters are required.
- Simple setup — This 8-port desktop switch requires no configuration.
- Provides up to 60 watts of PoE power — With 56 total watts of power from four PoE ports, the switch delivers nearly double the wattage provided by the closest competing desktop switch.
- 4 PoE ports, 4 non-PoE ports — Connect both PoE and non-PoE devices to your network using the switch.

PHILIPS

Specifications | Power Over Ethernet Injector

Due to continuous improvements and innovations, specifications may change without notice.

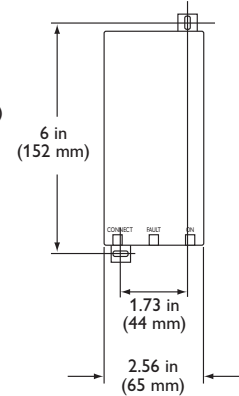
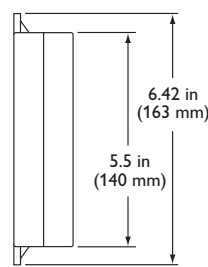
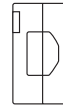
| Item | Specification | Details |
|--------------------------|--|---|
| Control | Ethernet | IEEE 802.3af-compliant |
| Electrical | Input Voltage | 100 – 240 VAC |
| | Total Output Power | 15.4 W |
| Physical | Dimensions (Height x Width x Depth) | 1.4 x 2.6 x 5.5 in (36 x 65 x 140 mm) |
| | Weight | 0.44 lb (.2 kg) |
| | Housing | Black plastic |
| | Connectors / Cables | RJ-45 / CAT 5e |
| | Temperature Ranges | 32° – 104° F (0° – 40° C) Operating -13° – 149° F (-25° – 65° C) Storage |
| Certification and Safety | Humidity | 5 – 90% |
| | Certification | UL / cUL, FCC Class B, CE, CCC, C-Tick, S-Jet, TUV, SAA, |
| Environment | Indoor rated, IP20 | |



Included in the box | PoE Injector

Power over Ethernet Injector

Power cord



Specifications | Power Over Ethernet Switch

Due to continuous improvements and innovations, specifications may change without notice.

| Item | Specification | Details |
|--------------------------|--|--|
| Control | Ethernet | IEEE: 802.3 Ethernet, 802.3u, 802.3x Flow Control, 802.3af (Power over Data Pairs) |
| | Interface Options | 10BASE-T, 100BASE-TX, Gigabit Ethernet 2000 Mbps (full duplex) |
| Electrical | Input Voltage | 100 – 240 VAC |
| | Power Consumption | 63.2 W maximum |
| | Output Power | 15.4 W maximum per PoE port |
| Physical | Dimensions (Height x Width x Depth) | 7.5 x 4.75 x 1.5 in (190 x 120 x 38 mm) |
| | Weight | 1.4 pounds (.64 kg) |
| | Housing | Black aluminum |
| | Connectors / Cables | RJ-45 / CAT 5e |
| | Temperature Ranges | 32° – 104° F (0° – 40° C) Operating 14° – 158° F (-10° – 70° C) Storage |
| Certification and Safety | Humidity | 5 – 90%, non-condensing |
| | Certification | UL / cUL, FCC Class B, CE, C-Tick |
| Environment | Indoor rated, IP20 | |



Included in the box | PoE Switch

8-port Gigabit switch with 4 PoE port

Power adapter

CD-ROM with product documentation

Ordering Information

| Item | | Item Number | Philips 12NC |
|------------------------------|--------------------------|---------------|--------------|
| Power over Ethernet Injector | North America Power Cord | 109-000029-00 | 910503700383 |
| | Europe Power Cord | 109-000029-01 | 910503700384 |
| Power over Ethernet Switch | | 120-000084-01 | 910503702557 |

Use Item Number when ordering in North America.



Philips Color Kinetics
3 Burlington Woods Drive
Burlington, Massachusetts 01803 USA
Tel 888.385.5742
Tel 617.423.9999
Fax 617.423.9998
www.philipscolorkinetics.com

Copyright © 2009 – 2012 Philips Solid-State Lighting Solutions, Inc. All rights reserved.
Chromacore, Chromasic, CK, the CK logo, Color Kinetics, the Color Kinetics logo, ColorBlast, ColorBlaze, ColorBurst, ColorGraze, ColorPlay, ColorReach, iW Reach, eW Reach, eW Fuse, DIMand, EssentialWhite, eW, iColor, iColor Cove, IntelliWhite, iW, iPlayer, Optibin, and Powercore are either registered trademarks or trademarks of Philips Solid-State Lighting Solutions, Inc. in the United States and / or other countries. All other brand or product names are trademarks or registered trademarks of their respective owners. Due to continuous improvements and innovations, specifications may change without notice.

DAS-000072-01 R04 07-12