

Product Description

The KBC ESULH4-L1 series is a 5-port, unmanaged industrial switch with 4 of the ports supplying IEEE802.3at POE++, Power over Ethernet. The switch is a Power Sourcing Equipment (PSE) device and is capable of providing up to 70W of power per port. The switch provides connectivity for up to five 10/100Mbps twisted pair copper ports.

The ESULH4-L1 series is designed for use in a wide range of operating temperatures in non-environmentally conditioned, industrial applications. It is an automatic identification effective powered device (PD) to maintain a reliable power supply and includes short circuit and overload protection. A DIP switch per PoE port is provided to select PSE or direct power for non PoE PD.

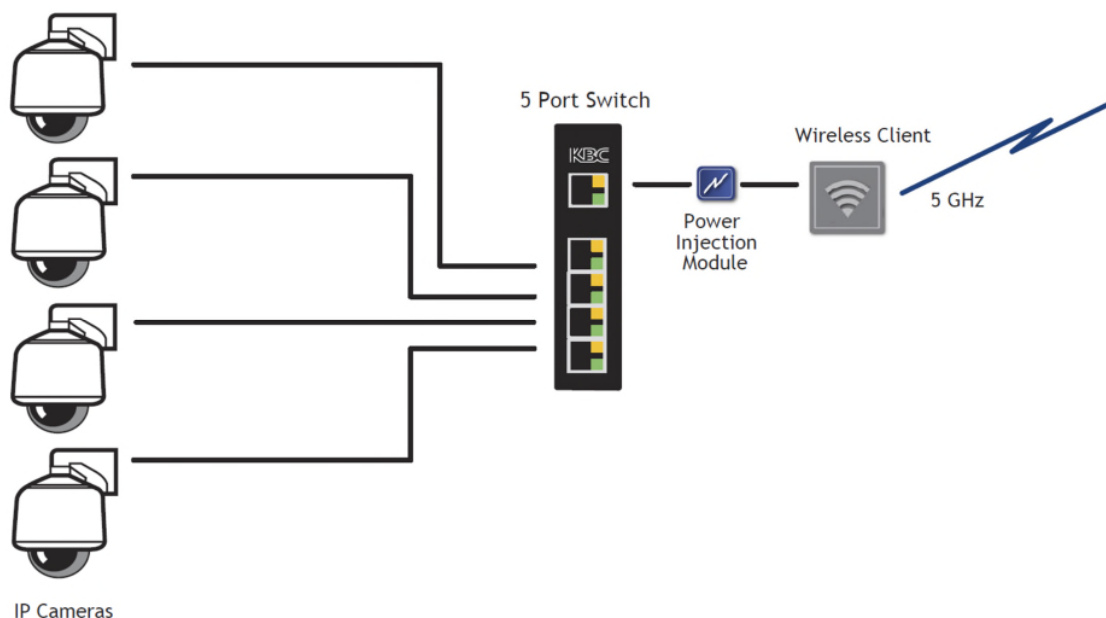
The ESULH4-L1 is available in a wall-mount configuration.



Product Features

- IEEE802.3at POE++ on 4 ports
- DIP switch to select PSE or direct power for non PoE PD
- Supports 48Vdc input
- Full & half duplex operation
- MDI/MDI-X

Typical System Configuration



Specifications

Standards

IEEE Standards

IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
IEEE 802.3x Full Duplex

Switch Performance

Architecture Store & forward
Max Filter Rate 148 810 pps
Max Data Rate 148 810 pps
Mac Table 1K
Memory Buffer 512K

PoE

Standard IEEE802.3af/at & PoE++
Power Supplied (per port) 15.4/25.5/70W max
Mode PSE or direct power
Selected by DIP switch

Power

Power Input 48Vdc
Power Consumption ≤3W (without PoE)
Power Supply Supplied separately

Environmental

Operating Temperature -40° ~ +70° C / -40° ~ +158° F
Storage Temperature -40° ~ +85° C / -40° ~ +185° F
Operating Humidity 5% to 95% non-condensing
Mean Time Before Failure (MTBF) >70 000hrs

Mechanical

Dimensions (L x W x H) 144x105x55mm/5.57x4.12x2.14"
Weight 500g
Installation Wall-mount

Connectors

10/100 Electrical 5 x RJ45
Power 3-way screw block terminal

Part Number

ESULH4-L1-WA

A: US Power Supply
B: UK Power Supply
C: Euro Power Supply
E: Australian Power Supply

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