



Product Description

The KBC ESUL5P Ethernet series is a 5 port, unmanaged industrial switch with 4 of the ports supplying IEEE802.3af compliant PoE. The series is designed for use in a wide range of operating temperatures in non-environmentally conditioned, industrial applications. The switch provides connectivity for up to five 10/100Mbps twisted pair copper ports which are automatically configured and with plug-and-play design provides ease and speed of installation.

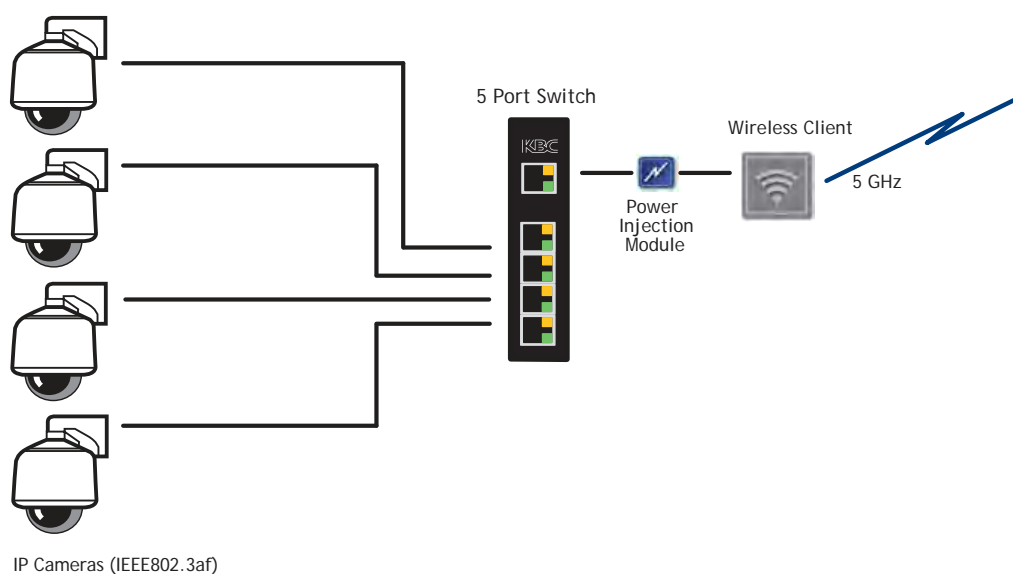
The series is available in either DIN rail or wall-mount configuration.

Product Features

- IEEE802.3af on 4 ports
- Dual redundant power input
- Alarm output for power supply
- Full & half duplex operation
- MDI/MDI-X
- IP30 protection class



Typical System Configuration



Specifications

Standards

IEEE Standard

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

Switch Performance

Switching Method
Transfer Rate

Store & forward
14,881 pps
148,810 pps

Backplane Switch Capacity
Mac Address Table

1 Gbps
2k

PoE

Standard
Power Supplied (per port)

IEEE 802.3af
15.4W @+48Vdc

Contact Closure Alarm Output

Output
Switch rating

Normally closed
1A @24Vdc

Power

Power Input
Power Consumption

48 Vdc
3.4W (no PoE)
67W (full load PoE)
Supplied separately

Power Supply⁽¹⁾

Mechanical

Casing
Dimensions (W x H x D)

IP30 protection
30mm x 140mm x 95mm
(1.18" x 5.51" x 3.74")
460g / 1lb
Wall-mount or DIN rail

Weight
Installation⁽¹⁾

Environmental

Operating Temperature
Storage Temperature
Operating Humidity
Mean Time Before Failure (MTBF)

-40°~+74°C / -40°~+165°F
-40°~+74°C / -40°~+165°F
5 to 95% non-condensing
> 300,000 hours

Connectors

10/100 Electrical
Power & Alarm

5 x RJ45
6-way screw block terminal

Approvals

FCC Part 15, CISPR (EN55022)
CE EN61000-4-2 (ESD)
CE EN61000-4-3 (RS)
CE EN61000-4-4 (EFT)
CE EN61000-4-5 (Surge)
CE EN61000-4-6 (CS)
CE EN61000-4-8
CE EN61000-6-2 (Industrial Standards)
CE EN61000-6-4

Class A

IEC68-2-27 (Shock)
IEC68-2-32 (Free fall)
IEC68-2-6 (Vibration)
CE EN60950-1

Part Number

ESUL5P-D

¹. Unit is supplied with both DIN rail and wall-mount fittings.

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