



Product Description

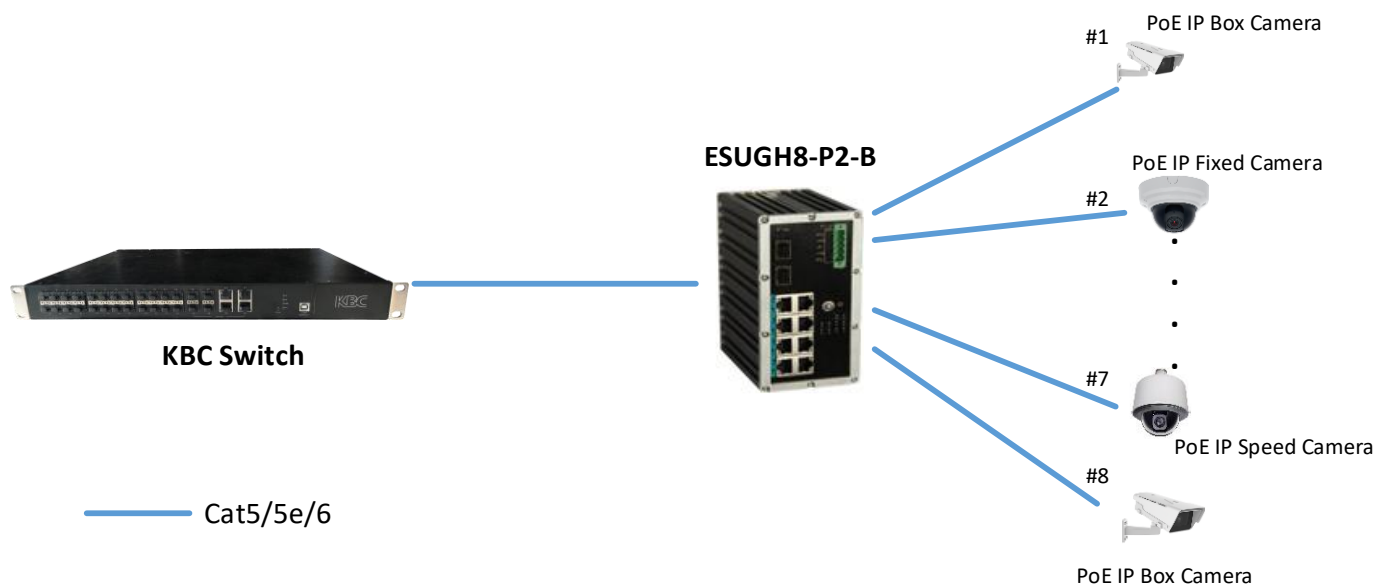
The KBC ESUGH8-P2-B Series is a high performance unmanaged industrial gigabit Ethernet switch with 8 x 10/100/1000M auto sensing copper ports and 2 x gigabit SFP ports. Four copper ports support PoE/PoE+ where each port offers a maximum of 30w power per port, four copper ports support PoE/PoE+/PoE++ where each port offers a maximum of 90w power per port. The switch is rugged in design with an IP40 enclosure and industrial level 3 ESD protection. Unique Din mount design makes mounting and removal simple. The rugged design is suitable for use in harsh environment applications such as in Power, Transportation, Pipeline, Petrochemical, Automation Industries and IP surveillance.



Product Features

- 8 x 10/100/1000Base-T(X) ports
- 2 x gigabit SFP ports
- Four PoE+ ports output up to 30W per port
- Four PoE++ ports output up to 90W per port
- PoE budget of 500W
- Unmanaged industrial switch
- Supporting IEEE802.3 af, at and bt
- Overload current protection and reverse polarity protection
- Level 3 ESD protection
- IP-40 housing design
- Supports DIN-rail or wall mount
- Unique DIN-rail design makes mounting and removal easy

Typical System Configuration



Specifications

Standards

IEEE Standards	IEEE802.3, IEEE802.3u IEEE802.3z, IEEE 802.3ab IEEE802.3x IEEE802.3 af, at and bt
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Ports

10/100/1000MBase-T	8
1000MBase-X SFP ⁽¹⁾	2

Switch Performance

Architecture	Store-and-forward
Switch Capacity	20Gbps

PoE

Standard	802.3 af, at and bt
PSE Type	End-span
Power Pin Assignment	3/6/4/5 (+) , 1/2/7/8 (-)
PoE Power Output	4 ports up to 30 watts max per port, 4 ports up to 90 watts max per port

Power ⁽²⁾

Power Input	52- 57Vdc
Power Consumption	< 10W (No POE output)
POE Budget	500W
Overload Current Protection	Yes
Reverse polarity protection	Yes

Protection

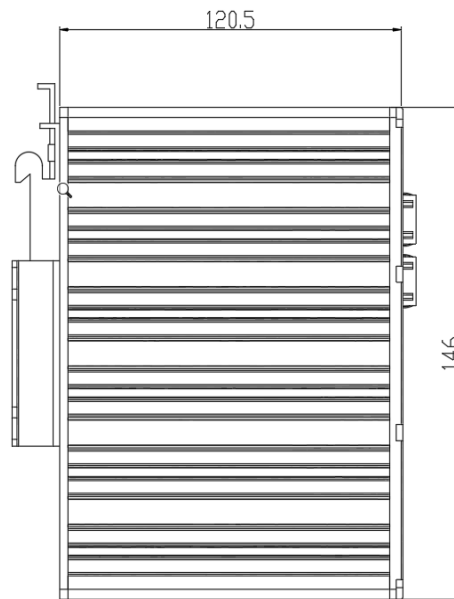
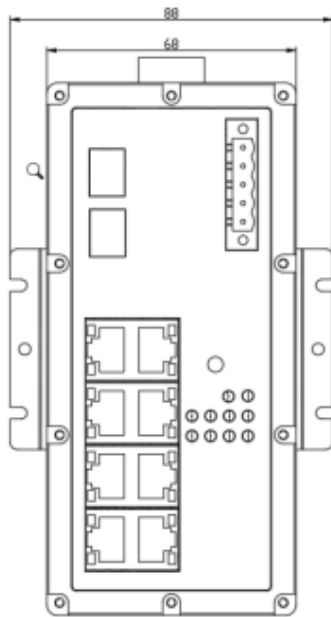
Enclosure	IP40
ESD	Industrial level 3

Environmental

Operating Temperature	-40° ~ +75° C
Storage Temperature	-40° ~ +85° C
Operating Humidity	5% to 95% non-condensing

Mechanical

Dimension (W×D×H)	68mm × 120.5mm × 146mm
Weight	0.6kg



Order Information

ESUGH8-P2-B: Unmanaged, POE/POE+/POE++, 8 x 10/100/1000M Base-T, 2 x Gigabit SFP

1. SFP module sold separately.
2. Power supply sold separately.

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