



## Product Description

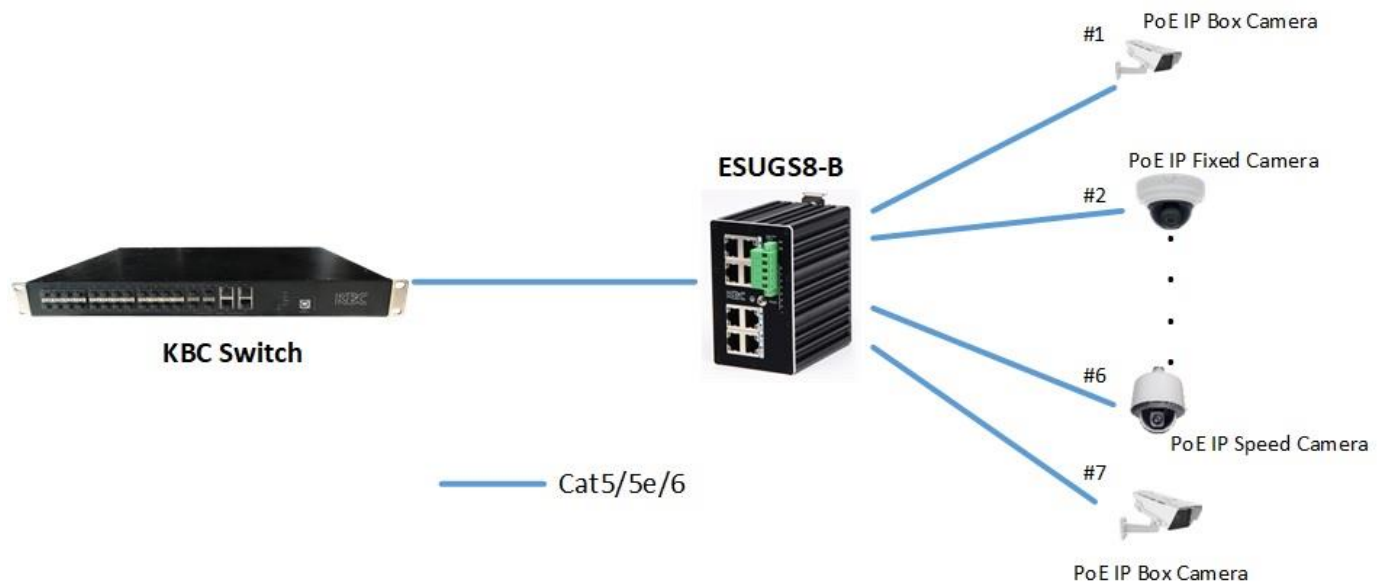
The KBC ESUGS8-B Series is a high performance unmanaged industrial gigabit Ethernet switch with 8\* 10/100/1000M auto-sensing copper ports. Eight copper ports support PoE/PoE+ where each port offers a maximum of 30w power. The switch is rugged in design with an IP40 enclosure and industrial level 3 ESD 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

- 8×10/100/1000Base-T(X) ports
- Unmanaged industrial switch
- Supporting IEEE802.3af&at
- Redundant Power supply input
- Overload current protection and reverse polarity protection
- Level 3 ESD protection
- IP-40 housing design
- Supporting DIN-rail or wall mounted
- Unique DIN mount design makes mount and remove easy.

## Typical System Configuration



# Specifications

## Standards

IEEE Standards	IEEE802.3, IEEE802.3u IEEE802.3z, IEEE 802.3ab
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## Ports

10/100/1000MBase-T	8
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## Switch Performance

Architecture	Store-and-forward
Switch Capacity	16Gbps

## PoE

Standard	802.3af/at
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	up to 30 watts max per port

## Mechanical

Dimension (WxDxH)	62mm x 87mm x 100mm
Weight	0.6kg

## Power <sup>(2)</sup>

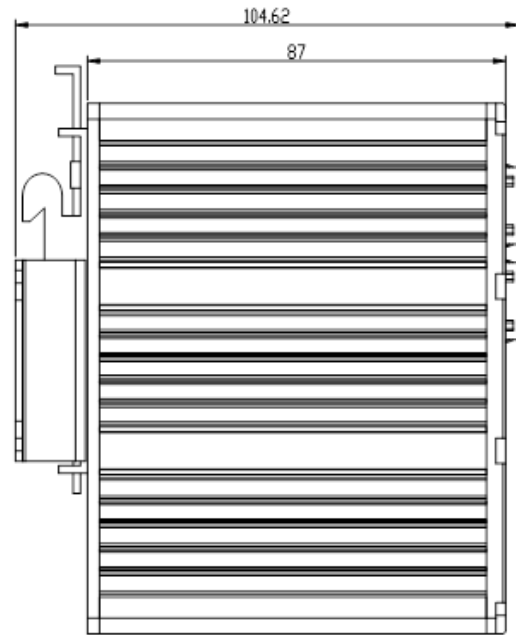
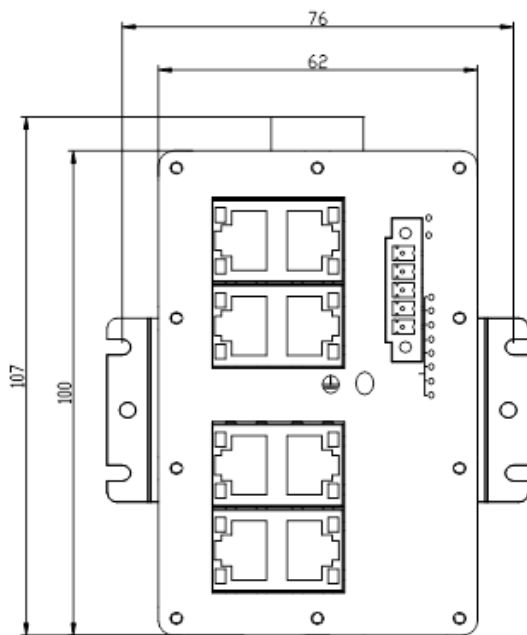
Redundant Power Input	48 - 57Vdc
Power Consumption	< 6W (No POE output)
POE Budget	240W
Overload Current Protection	Yes
Reverse polarity protection	Yes

## 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



# Order Information

**ESUGS8-B: Unmanaged, POE/POE+, 8\*10/100/1000M Base-T**

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

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