

## Product Description

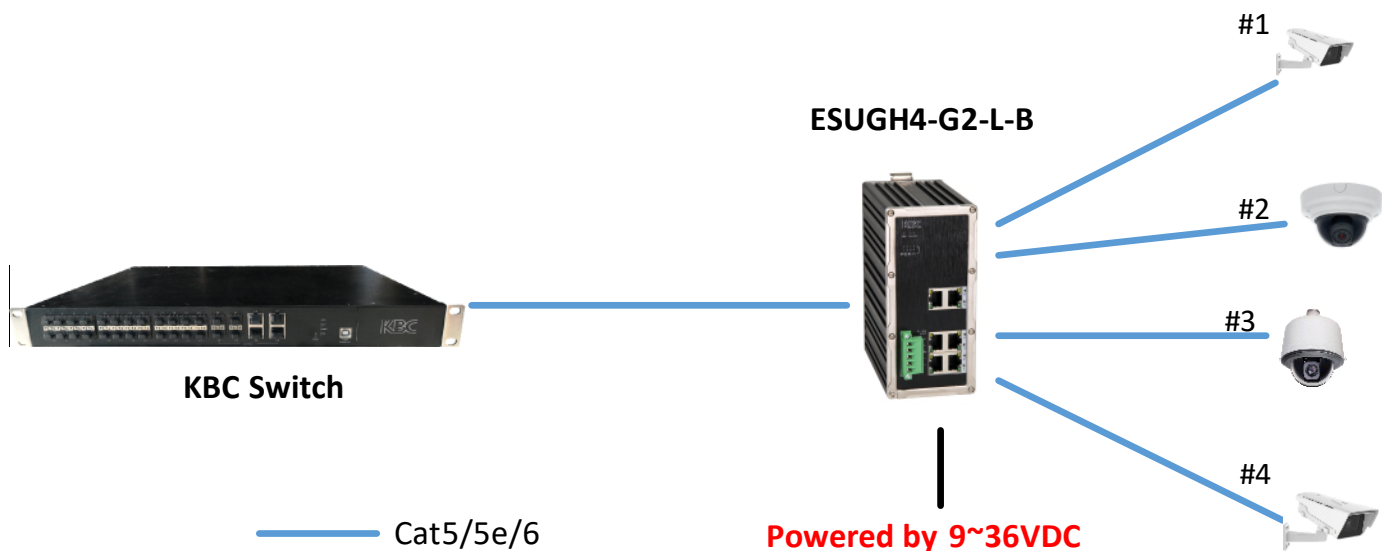
The KBC ESUGH4-G2-L-B is a high-performance, unmanaged industrial switch with 4\*10/100/1000M auto-sensing copper ports. Four of the copper ports support PoE/PoE+/PoE++, with up to 90W output on each PoE port. **The switch is powered by a 9 ~ 36 VDC power supply and is ideal for applications with +12VDC or 24VDC power.** The unique mount design makes DIN mounting and removal easy. Its rugged design with IP40 and industrial level 3 ESD protection make this switch suitable for use in harsh environments, such as power, transportation, pipeline, petrochemicals, industry automation and IP surveillance.



## Product Features

- Unmanaged industrial switch
- 6x10/100/1000Base-T(X) ports, 4 PoE+/PoE++ ports, 2 Non-PoE port
- Each PoE port output up to 90W
- Support IEEE802.3af&at&bt
- **9 ~ 36VDC power supply input**
- Overload current protection and reverse polarity protection
- Level 3 ESD protection
- IP40 housing design
- Supports DIN-rail and wall-mount

## Typical System Configuration



# Specifications

## Standards

IEEE Standards  
IEEE802.3, IEEE802.3u,  
IEEE802.3z  
IEEE802.3af&at&bt

## Power <sup>(1)</sup>

Redundant Power Input  
Power Consumption  
PoE Budget <sup>(2)</sup>  
Overload Current Protection  
Reverse polarity protection

9-36VDC  
< 10W (without PoE)  
180W max. with input voltage >18VDC  
Yes  
Yes

## Ports

10/100/1000Base-T RJ45(6, 4 with PoE/PoE+/PoE++)

## Protection

Enclosure  
ESD

IP40  
Industrial level 3

## Switch Performance

Architecture  
Memory Buffer  
Switch Capacity  
Mac Table

Store-and-forward  
512K  
6Gbps  
1K

## Environmental

Operating Temperature  
Storage Temperature  
Operating Humidity

-40°C ~ +75°C  
-40°C ~ +85°C  
5% to 95% non-condensing

## PoE

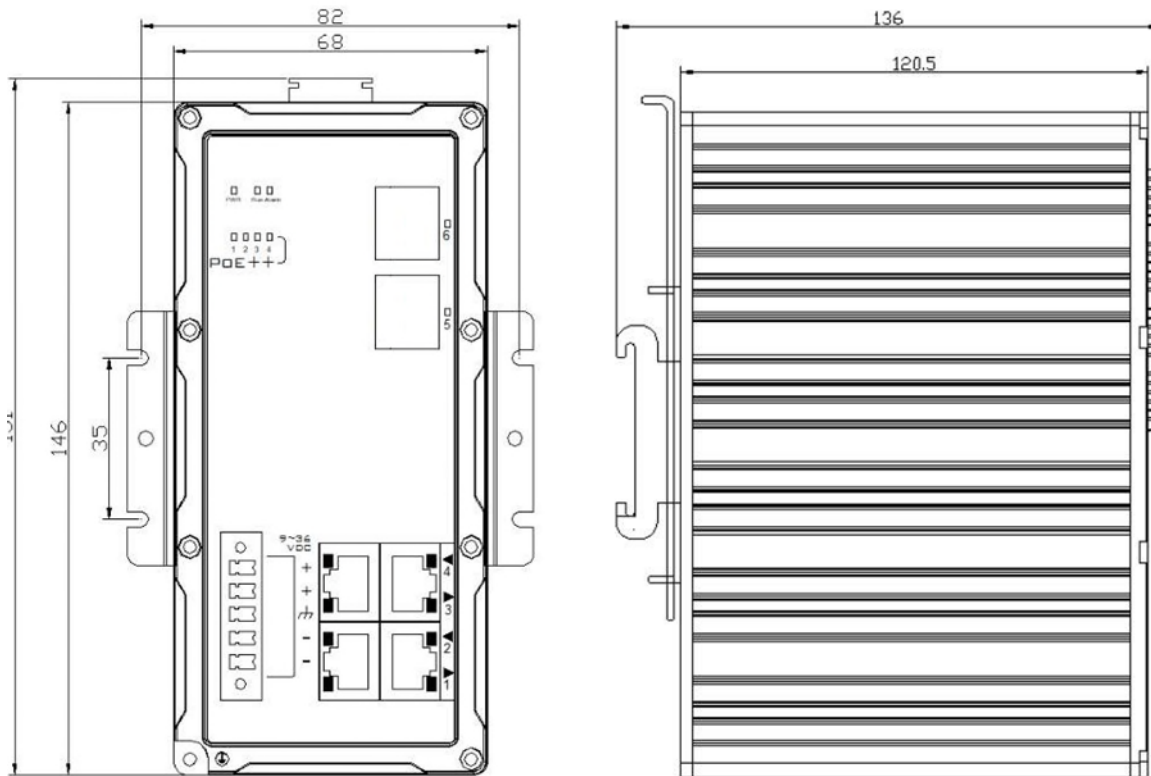
Standard  
PSE Type  
Power Pin Assignment  
PoE Power Output

IEEE802.3af/at/bt  
End-span  
3/6/4/5 (+) , 1/2/7/8 (-)  
Up to 90W max per port

## Mechanical

Dimension (L×W×H)  
Weight

68mm × 120mm × 146mm  
1.5 kg



# Order Information

**ESUGH4-G2-L-B:** Unmanaged, 4×10/100/1000Base-T(X) ports, 4 PoE++/PoE+ ports, 2×10/100/1000 port Non-PoE, 9-36VDC power input

1. Power supply sold separately.

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