

## Product Description

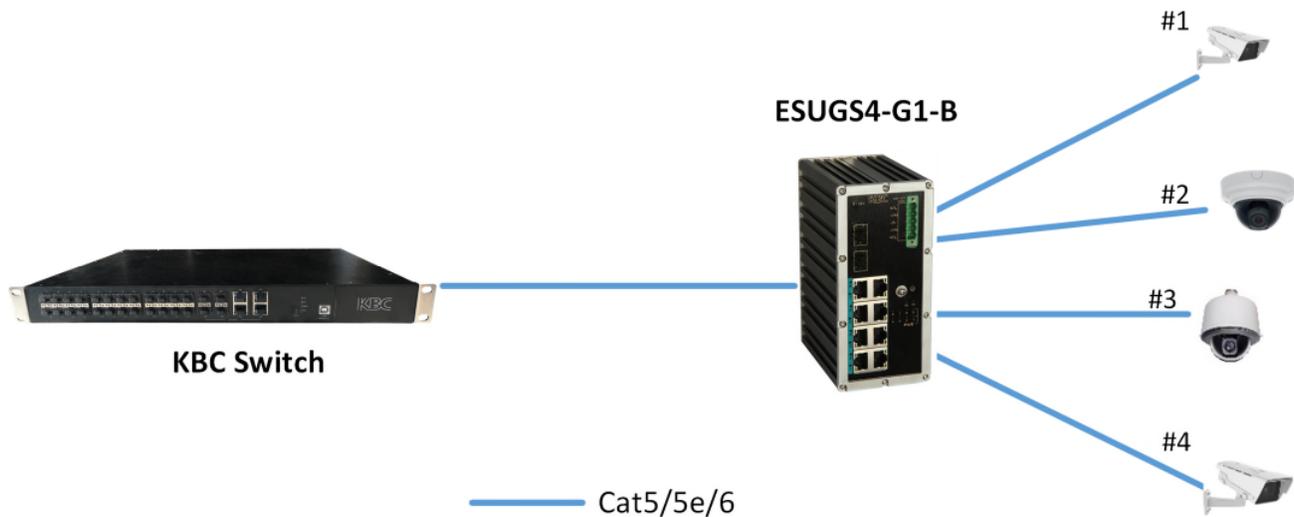
The KBC ESUGS4-G1-B is a high performance, non-managed industrial switch with 5\* 10/100/1000M auto sensing copper port. Four of the copper ports support PoE/PoE+, with up to 30W output on each PoE port. Unique mount design makes DIN mount and removal easy. Rugged design with IP40 and industrial level 3 ESD protection of the switch makes it suitable for use in harsh environment applications, such as power, transportation, pipeline, petrochemicals, industry automation and IP surveillance.



## Product Features

- Non-managed industrial switch
- 5x10/100/1000Base-T(X) ports, 4 PoE+ ports
- Each PoE port output up to 30W
- Support IEEE802.3af&at
- Overload current protection and reverse polarity protection
- Level 3 ESD protection
- IP-40 housing design
- Support DIN-rail or wall mounted
- Unique DIN mount design makes mount and removal easy

## Typical System Configuration



# Specifications

## Standards

IEEE Standards  
IEEE802.3, IEEE802.3u,  
IEEE802.3x, IEEE802.3z  
IEEE802.3ab, IEEE802.3af/at

## Ports

10/100/1000Base-T RJ45 (5, 4 with PoE/PoE+)

## Switch Performance

Architecture Store-and-forward  
Memory Buffer 512K  
Switch Capacity 1.2Gbps  
Mac Table 1K

## PoE

Standard IEEE802.3af/at  
PSE Type End-span  
Power Pin Assignment 1/2(+), 3/6(-)  
PoE Power Output Each PoE port up to 30W

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

Redundant Power Input 46 ~ 57Vdc  
Power Consumption < 5W (without PoE)  
PoE Budget 120W max.  
Overload Current Protection Yes  
Reverse polarity protection Yes

## Protection

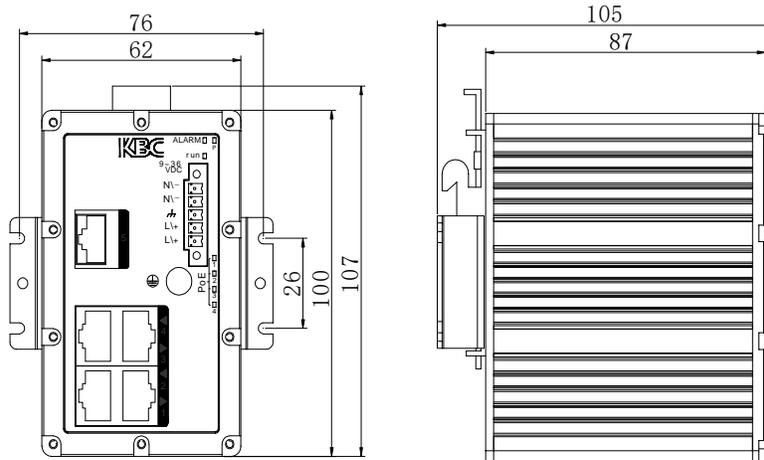
Surge 6KV, IEC61000-4-5  
ESD ESD Level 4: IEC61000-4-2  
RS Level 3: IEC61000-4-3  
EFT Level 4: IEC61000-4-4  
CS Level 3: IEC61000-4-6

## Environmental

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

## Mechanical

Enclosure IP40  
Dimension (L×W×H) 62mm × 87mm × 100mm  
Weight 0.6kg



# Order Information

**ESUGS4-G1-B: Unmanaged, 5×10/100/1000Base-T(X) ports, 4 PoE+ ports**

1. Power supply sold separately.

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