

# ESUGH2-G1-L-B

Industrial 10/100/1000M Ethernet Switch with PoE++ 3 ports: 2 PoE++ ports, 1 non-PoE port Powered by 9 ~ 36VDC

## **Product Description**

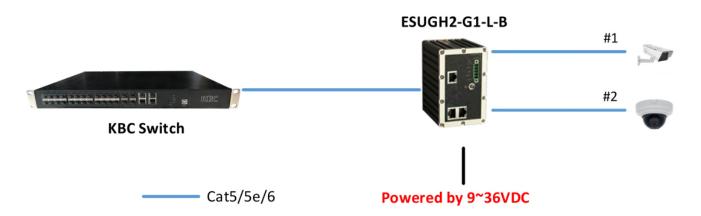
The KBC ESUGH2-G1-L-B is a high performance, unmanaged industrial switch with 3\* 10/100/1000M auto-sensing copper ports. Two of the copper ports support PoE/PoE++, with up to 90W output on each PoE port. The switch is powered by 9 ~36 VDC power supply and is ideal for applications where +12VDC or 24VDC power is available. 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
- 3×10/100/1000Base-T(X) ports, 2 PoE++ ports
- 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 or wall-mount

## **Typical System Configuration**



## **Specifications**

Standards

IEEE Standards IEEE802.3

IEEE802.3u IEEE802.3x

IEEE802.3ab IEEE802.3af&at&bt

**Ports** 

10/100/1000Base-T RJ45(3, 2 with PoE/PoE+/PoE++)

**Switch Performance** 

Architecture Store-and-forward

Memory Buffer 512K Switch Capacity 6Gbps Mac Table 1K

PoE

Standard IEEE802.3af/at/bt

PSE Type End-span

Power Pin Assignment  $3/6/4/5 \ (+)$  ,  $1/2/7/8 \ (-)$  PoE Power Output Up to 90W max per port

Power (1)

Redundant Power Input 9-36VDC Power Consumption 9-36VDC < 5W (without PoE)

PoE Budget <sup>(2)</sup> 180W max. with input voltage

>18VDC Yes Yes

**Protection** 

Enclosure IP40 ESD Industrial level 3

**Environmental** 

Overload Current Protection

Reverse polarity protection

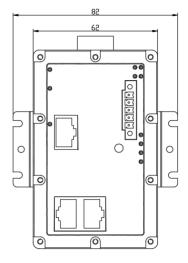
Operating Temperature  $-40^{\circ}\text{C} - +75^{\circ}\text{C}$ Storage Temperature  $-40^{\circ}\text{C} - +85^{\circ}\text{C}$ 

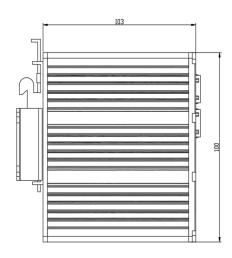
Storage Temperature -40°C ~ +85°C Operating Humidity 5% to 95% non-condensing

Mechanical

Dimension (L×W×H) 62mm × 103mm × 100mm

Weight 0.6kg





### **Order Information**

ESUGH2-G1-L-B: Unmanaged, 3×10/100/1000Base-T(X) ports, 2 PoE++ ports, 9~36VDC power input

#### Power supply sold separately.

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