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+/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
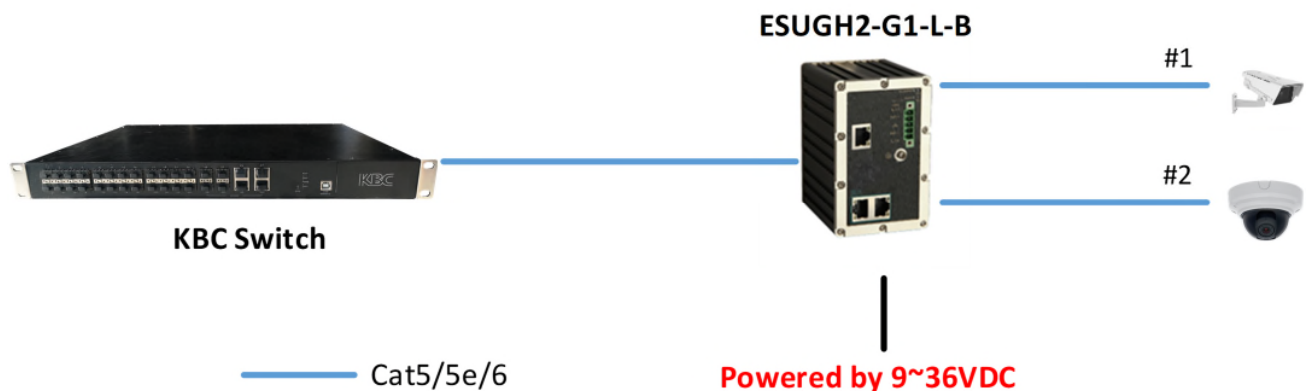
Specifications

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	< 5W (without PoE)
PoE Budget [2]	180W max. with input voltage >18VDC
Overload Current Protection	Yes
Reverse polarity protection	Yes

Protection
Enclosure	IP40
ESD	Industrial level 3

Environmental
Operating Temperature	-40°C ~ +75°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
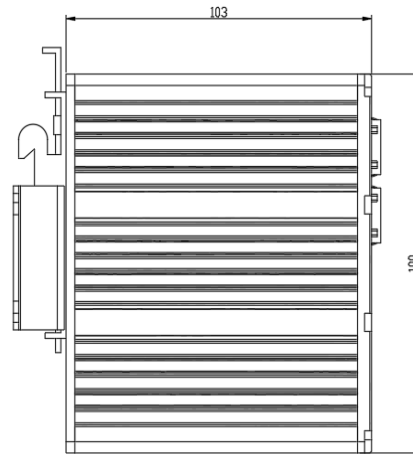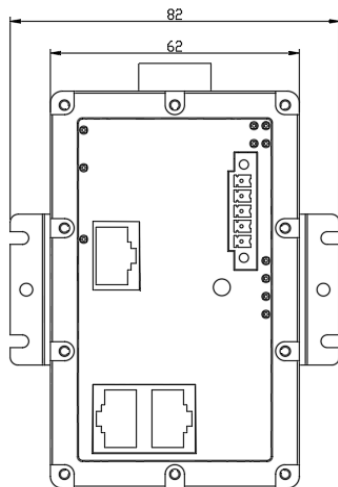
Order Information

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

1.   Power supply sold separately.