# 2 Port Industrial Full Gigabit switch
## BI601G1F-SM-20KM (SC connector)

## ❖ Overview

The BI601G1F-SM-20KM (SC connector) is a 2-port industrial full gigabit switch that supports up to 1 *10/100/100M RJ45 port and 1*1000M SC slot.

It supports relay alarm for power off, network broken.

It has the characteristics of reliable work, strong and durable, high cost performance and so on. It can be used in security network video monitoring system, network engineering and other occasions.

## ❖ Picture



## ❖ Features

✧   With 1*10/100/1000M RJ45 port and 1*1000M SC port;

✧   Supports relay alarm for power off, network broken;

✧   Supports 6KV surge protection, 6KV contact / 8KV air ESD protection;

✧   Supports working temperature -40℃～75℃

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## ❖ Specifications

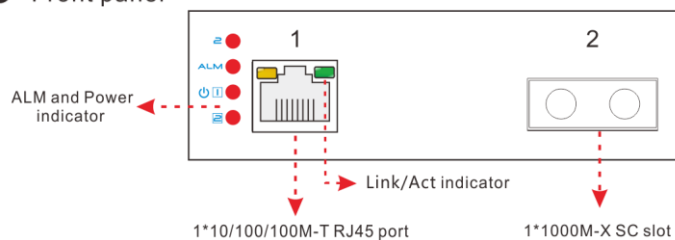| Parameter | Specifications |
|---|---|
| Power supply | Powered by power adaptor |
| Range of voltage | DC 12~60V |
| Consumption | Self-consumption<5W |
| Downlink ports | Ports 1: 10/100/1000Base-T RJ45 |
| Uplink ports | Ports 2: 1000Base-X SC |
| Relay alarm | 1 channel relay alarm output for power off, ports link down |
| Cable and distance | Use cat5e/6,100m max |
| Standard | IEEE802.3, IEEE802.3u, IEEE802.3z |
| Switch fabric | 4 Gbps |
| Though put | 2.976 Mpps |
| Buffer | 1M |
| MAC address table | 8K |
| Indicator | Power: 2 *red ;<br>Uplink 2: Green LEDs indicate Link/Act<br>Downlink 1: Green LEDs indicate Link/Act |
| Protection | Surge: 6KV, standard: IEC61000-4-5    ESD: 6KV: contact/8KV: air, standard:IEC61000-4-2 |
| Working temperature | -40℃~75℃ |
| Storage temperature | -40℃~85℃ |
| Humidity | 0~95%(No condensation) |
| Dimension(L×W×H) | 101mm×65 mm×36mm |
| Material | Aluminum |
| Color | Black |

# 2 Port Industrial Full Gigabit switch
## BI601G1F-SM-20KM (SC connector)

**BORN**
*elegant creation*

## ❖ Dimensions

● Front panel



ALM and Power indicator

1*10/100/100M-T RJ45 port

Link/Act indicator

1*1000M-X SC slot

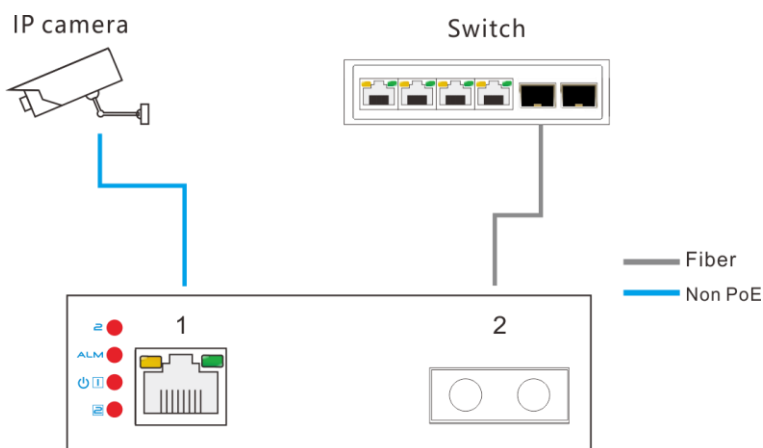● Back panel



12-60V DC

+  -    -  +        ALM

2*DC12-60V      Relay alarm
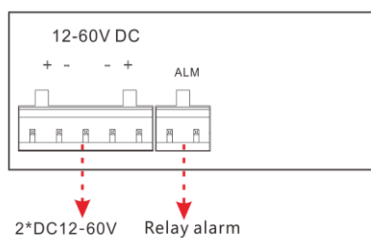
⚠ **Attention 1：** This product must be well grounded against lightning, please use better than 20# cable to connect the grounding terminal and ground.
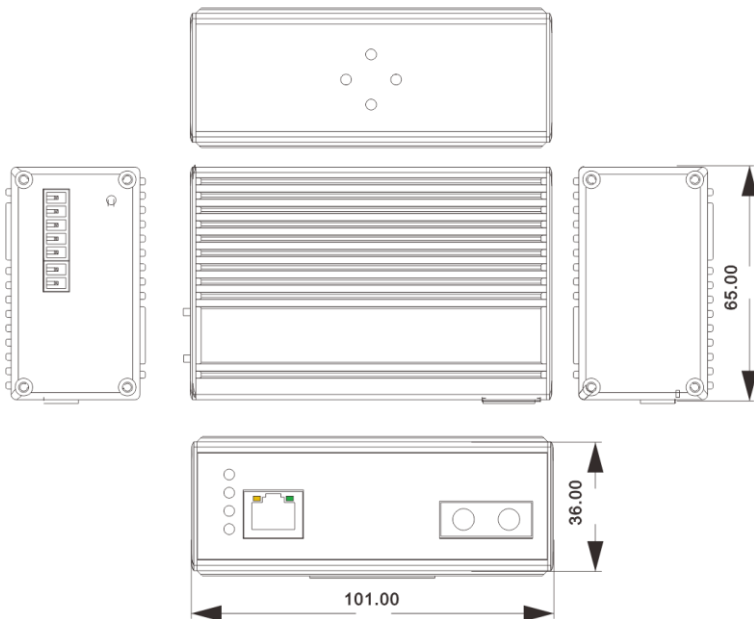
## ❖ Application



IP camera

Switch

—— Fiber
—— Non PoE

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## ❖ Dimensions



## ❖ Order information

| Model | Description |
|-------|-------------|
| BI601G1F-SM-20KM(SC connector) | With 1*10/100/1000M RJ45 port and 1*1000M SC slot; 2*DC12-60V power supply (Power adaptor buy extra); Supports relay alarm function for power off, network broken. |