



## SHENZHEN RISE ELECTRONIC CO., LTD.

Website: <http://www.ideacamera.com> Email: [cctv@ideacamera.com](mailto:cctv@ideacamera.com)

Global Sources Homepage Address: <http://www.globalsources.com/ideacamera.co>

**8CH Professional 100/1000Mbps POE Switch, Support 8pcs IPC and Power Supply by POE port, Internal Power Supply.**



**Model: F0820GBL**

### **Key features:**

- 8pcs 10M/100Mbps POE Ports
- 2pcs 100M/1000Mbps Network Port (RJ45)
- IEEE802.3 AF/AT standard
- Support IPC and AP Power Supply
- Data and power supply over 100Meters
- 15.4W for each port output, total 120W
- Enough power to support almost all of IPC
- Backplane bandwidth: 100M
- Transmit distance:  $\leq 250M$
- Power Supply: 120W 52V 2.3A
- MOQ: 120pcs

### **Our services:**

- Offer 2-years product warranties.
- Logistics convenient.
- Support OEM/ODM.
- CCC/CE/FCC Certified.
- Strict product quality control.



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Lower price.

6-8 working day per order.

### Advantages:

Occupied 8 POE power supply RJ45 port, all of 8 RJ45 ports are support IEEE802.3AF/AT standard power supply, each port max. Power reached 30W, whole power reached 120W, can be detected PD electric equipment who obey IEEE802.3AF/AT standard automatically.

### Excellent port performances:

1. Supply 8 10/100Mbps adaptive high speed forwarding data packet non-lost port.
2. Supply 2 100/1000Mbps RJ45, each port is supported by MDI/MDIX auto flip and self-negotiation.
3. Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode.

### Excellent POE power supply performances:

1. Intelligent power management 1 to 8 ports with POE intelligent recognition, such as the system will open IEEE802.3 at standard automatically and priority mechanism port support power supply if electric equipment power over IEEE802.3af standard.
2. Comply with IEEE802.3af/at standard.
3. Detecting and recognizing PD equipment and supply power for it automatically which obey IEEE802.3AF/AT standard.
4. Each port max. Power supply reached 30W.

### Flexible extensions:

Easy to use, non-configuration, plug and play, compatibility, non-burning equipment, high-speed transmission, data packet loss, can be flexible. So that the network is subject to power line local restrictions, and saving costs.

Meet the demand of high density POE network environment. For financial, government agencies, hotels, shopping malls, campus, hospitals, small and medium enterprises to set up an economic and efficient network.

## Specifications:

| Product               | 8 Port POE Power Supply Switch ( Internal ) |
|-----------------------|---|
| Model                 | F0820GBL                                    |
| POE Port              | 1 to 8 port support IEEE802.3af/at          |
| SFP Port              | Nonsupport                                  |
| POE Port Output Power | 15.4W/30W IEEE802.3af/at                    |



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|                                 |   |
|---------------------------------|---|
| POE Power Supply Method         | 1/2+、3/6- (or 4/5+、7/8-)  |
| POE Whole Power                 | ≤120W   |
| POE Standard                    | IEEE 802.3af/IEEE 802.3at   |
| POE Type                        | End-span  |
| POE Power Transmission Distance | ≤250m   |
| Network Standard                | IEEE 802.3、IEEE802.3u、802.3x、802.3af/at   |
| Network Medium                  | 10/100BASE-TX: 5 class and above non shielded twisted pair  |
| Network Signal Distance         | ≤150m   |
| Switch Capability               | 1.6Gbps   |
| Forwarding Mode                 | Store and forward   |
| Forwarding Rate                 | 10BASE-T:14880PPS/port<br>100BASE-tx: 14800pps/port   |
| MAC Address                     | MAC Address table 1K  |
| Port Function                   | Power priority mechanism, fast and forward, MAC automatic learning and aging<br>IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode |
| LED Indicator                   | Each port occupied 1 LINK/ACT.100Mbps,<br>POE Status Indicator, Whole power indicator   |
| Working Environment             | Working temperature: -10° -- 55° C  |
| Input Power                     | AC100-240V 50/60HZ  |
| Whole Power                     | ≤150W   |
| Weight                          | 1.75kg  |
| Size                            | 270mm*180mm*44mm (L*W*H)  |