



7 ports Industrial PoE Switch BI604PE1E2F series

❖ Overview

The BI604PE1E2F is a 7-port, industrial PoE switch that supports up to 4 *10/100M PoE downlink ports, 1*10/100M uplink ports and 2*100M SFP sports. 4*10/100M ports support PoE+, conforming to IEEE 802.3af/at standard.

It provides three modes, Extend, Default and VLAN, rich network management characteristics, adapt to variety complex environments.

It supports the PoE Auto-check function, which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the ports' output of PSE, and restart the PD device. It greatly reduces the maintenance difficulty of engineering.

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 4*10/100M PoE downlink ports, 1*10/100M uplink ports, and 2*100M SFP ports;
- ❖ Provides three modes of Extend, Default and VLAN to adapt to various complex environments;
- ❖ Supports PoE Auto-check function, which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the ports' output of PSE, and restart the PD device. It greatly reduces the maintenance difficulty of engineering;
- ❖ Supports 6KV surge protection, 6KV contact / 8KV air ESD protection;
- ❖ Supports working temperature -30°C~65°C.



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❖ Specifications

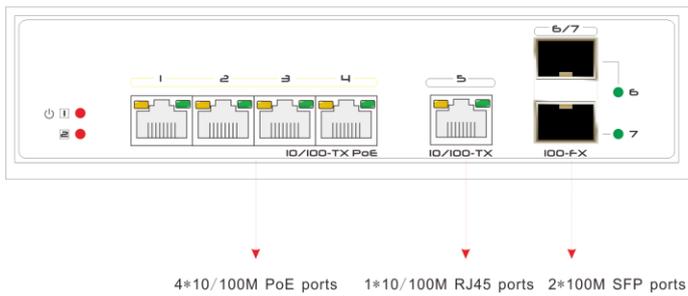
Parameter	Specifications
Power supply	Powered by power adaptor
Range of voltage	DC 48~57V
Consumption	Self-consumption<5W
Downlink ports	Ports 1~4 10/100Base-TX 30W PoE RJ45(IEEE802.3af/at)
Uplink ports	5 10/100Base-TX; Ports 6~7 100 SFP ports.
PoE Auto-check	If detect the frozen PD device, restart it
Working mode	Extend mode: ports 1 ~ 4 Extend up to 250m; 1 ~ 4 ports are isolated from each other and can only communicate with the uplink ports; restrain the network storm; turn off the flow control. Default mode: normal switch mode. VLAN mode: ports 1 ~ 4 are isolated from each other and can only communicate with the uplink port; restrain the network storm; turn off the flow control.
Cable and distance	Use cat5e/6,100m max(Extend mode max.250m)
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	1.4Gbps
Though put	1.04Mpps
Buffer	1M
MAC address table	8K
Indicator	Power: 1 *red ; Uplink1~4: On RJ45 yellow and green LEDs indicate Link/Act Downlink 5~7: port 5 yellow and green LED indicate Link/Act, port 6~7 green LEDs indicate Link/Act
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact/8KV: air, standard:IEC61000-4-2
Working temperature	-30℃~65℃
Storage temperature	-40℃~85℃
Humidity	0~95%(No condensation)
Dimension(L×W×H)	165mm×115 mm×50mm
Material	Metal
Color	Black
Net-weight	500g



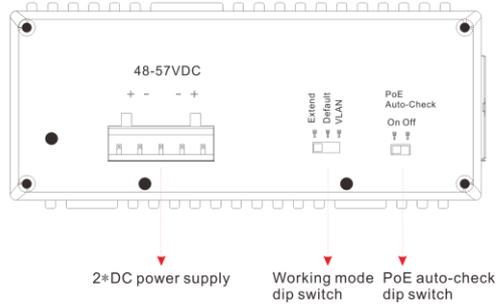
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❖ Panel diagram

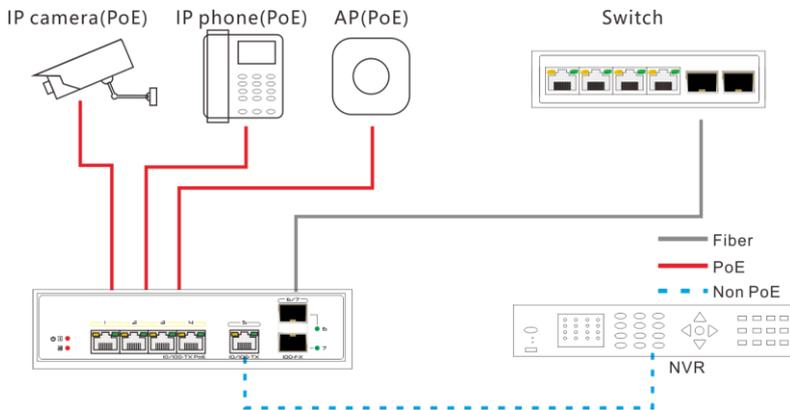
Front panel



Left panel



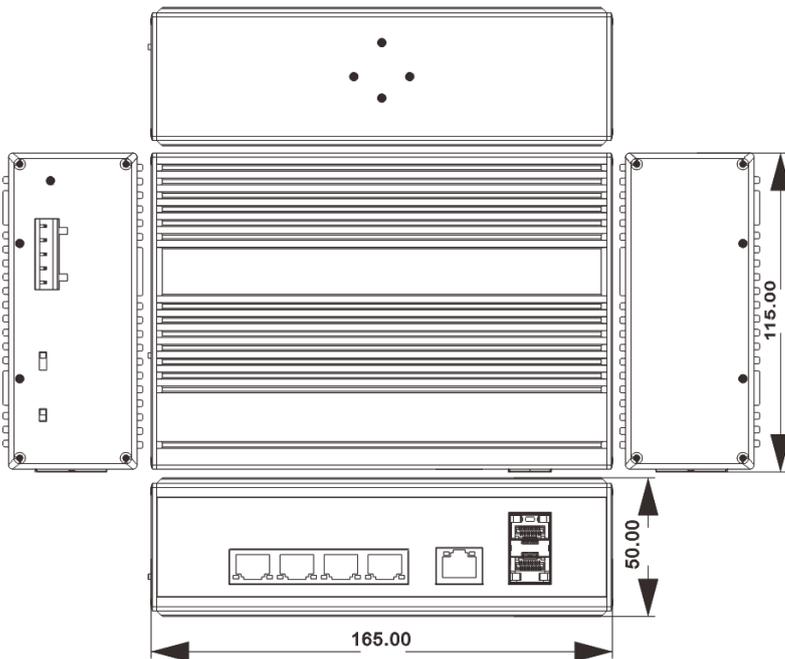
❖ Application





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❖ Dimensions



❖ Order information

Model	Description
BI604PE1E2F	With 4*10/100M PoE downlink ports, 1*10/100M uplink ports, and 2*100M SFP ports; 2*DC48-57V power supply (Power adaptor buy extra); Provides three modes of Extend, Default and VLAN to adapt to various complex environments; Supports the PoE Auto-check function.

BORN ELECTRONICS LIMITED

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WARRANTY:

2 YEARS (EXPANDABLE UPTO 4 YEARS)

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