

# BC2148PE1G2GCF-600W

## 51-port Gigabit Uplink PoE Switch

### Datasheet



#### Ideal for:



Telecom



Hotels & Resorts



Universities



Healthcare



Public Places



Airport



Transport



Industries

The BC2148PE1G2GCF-600W is an unmanaged PoE fiber switch. It has 48\*10/100M PoE ports and 1\*10/100/1000M uplink RJ45 port and 2\*1000M TP/SFP ports (Combo port). Port 1-48 can support IEEE802.3af/at standard PoE. Single port PoE power reaches 30W, and the maximum PoE output power is 600W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory, dormitory and small and medium-sized enterprises.

Unmanaged model, plug and play, no configuration, easy to use.

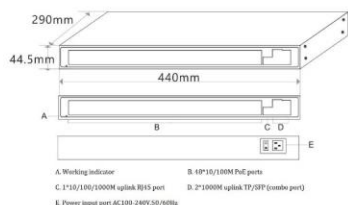
#### Interface Characteristics

Fixed Port	48*10/100M PoE ports (Data /Power)
	1*10/100/1000M RJ45 port (Data)
	2*1000M uplink TP/SFP ports (Combo port) (Data)
Ethernet Port	10/100Base-T(X), 10/100/1000Base-T, auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter)
	100BASE-TX: Cat5 or later UTP(≤100 meter)
	1000BASE-T: Cat5e or later UTP(≤100 meter)

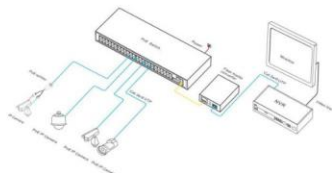
#### Chip Parameter

Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	30Gbps
Forwarding Rate@64byte	11.61Mpps
MAC	16K
Buffer Memory	4M
Jumbo Frame	10K
LED Indicator	Power: PWR (green), Network: link (yellow), PoE: PoE (green)
Reset Switch	Yes, One-button factory reset

#### DIMENSION



#### APPLICATION



# BC2148PE1G2GCF-600W

## 51-port Gigabit Uplink PoE Switch

### Datasheet



#### Ideal for:



Telecom



Hotels & Resorts



Universities



Healthcare



Public Places



Airport



Transport



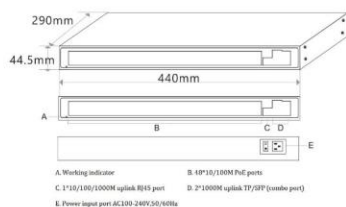
Industries

## FEATURES

- ✓ 10/100m access, gigabit TP/SFP combo port uplink
- ✓ Intelligent PoE power supply
- ✓ Stable and reliable
- ✓ CCC, CE, FCC, RoHS
- ✓ Low power consumption

PoE & Power Supply	
PoE Port	Port 1 to 48
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5(+), 7/8(-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR / Input Voltage	600W (AC100-240V)
Power Consumption	Standby<35W, Full load<600W
Power Supply	Built-in power adapter, AC 100~240V 50-60Hz 6.6A
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	440*290*44.5mm
Net /Gross Weight	<3.0kg / <3.8kg
Installation	Desktop, 19 inch 1U cabinet
Certification & Warranty	
Lightning Protection / Protection Level	Lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B RoHS
Warranty	3 years, lifelong maintenance.

#### DIMENSION



#### APPLICATION

