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BC2104PG2F - 65W
6 port Full Gigabit PoE Fiber Switch
Datasheet

Ideal for:

- Telecom
- Hotels & Resorts
- Universities
- Healthcare
- Public Places
- Airport
- Transport
- Industries

Overview

The BC2104PG2F-65W is a full gigabit PoE fiber switch. It has 4*10/100/1000M RJ45 ports and 2*1000M SFP slot ports. Port 1-4 can support IEEE 802.3af/at standard PoE power supply. Single port PoE power reaches 30W, and the maximum PoE output power is 65W. 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, park, attraction, supermarket, factory quarter and small and medium-sized enterprises to form a cost-effective network.

Interface Characteristics	
Fixed Port	4*10/100/1000Base-T PoE ports (Data /Power)
	2*1000Base-X uplink SFP slot ports (Data)
Ethernet Port	Port 1-4 can support 10/100/1000Base-T,auto-sensing, full/half duplex MDI/MDI-X
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)
SFP Slot Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Optical Cable	Multi-mode: 850nm 0 ~ 500M, Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
PoE & Power	
PoE Port	Port 1 to 4 IEEE802.3af/at @ POE
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	65W/(DC52V)
Power Consumption	Standby<5W, Full load<65W
Power Supply	External power adapter, AC100~240V 50-60Hz 1.1A

FEATURES

Full gigabit access
Gigabit SFP port uplink
Intelligent PoE power supply
Stable and reliable
Easy to operate
CCC,CE, FCC, RoHS.

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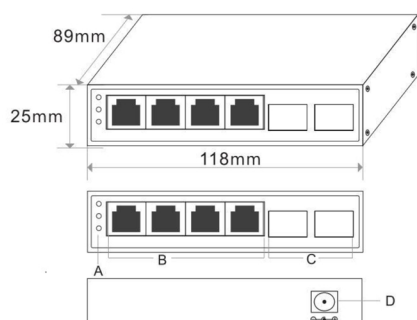# BC2104PG2F - 65W
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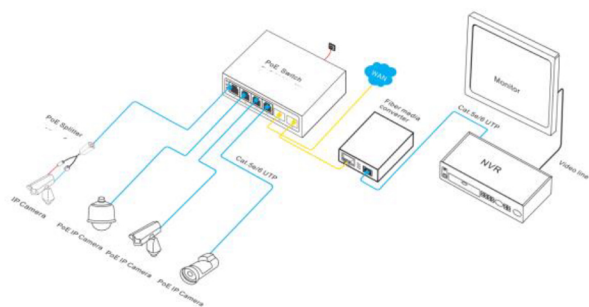# DIMENSION

A. Working indicator   B. 4*10/100/1000M PoE ports

C. 2*1000M SFP ports   D. DC power ports

APPLICATION

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	12Gbps (Non-blocking)
Forwarding Rate@64byte	8.93Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	10K
LED Indicator	Power: PWR (green), network: Link(yellow), POE: PoE (green)
Reset Switch	Yes, One-button factory reset
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)	118*95*28mm
Net /Gross Weight	<0.35kg / <1.0kg
Installation	Desktop, wall-mounted
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.