



## 5 Ports Gigabit SFP Fiber Media Converter



FMC100-4GE1GF-AC



### Key Features:

- 1x 1.25G SFP slot & 4x 10/100/1000M RJ45.
- Supports Single-mode/Multi-mode Dual-fiber.
- Fiber transmission distance from 500m to 120km.
- Built-in AC power eliminates external adapters.
- LED indicators for easy network diagnostics
- Plug-and-play operation requires no configuration.

### Introduction

The BENCHU GROUP FMC100-4GE1GF-AC is a 5-Port Gigabit Fiber Switch designed for seamless edge network expansion. Featuring 4x 10/100/1000M RJ45 ports and 1x 1.25G SFP fiber uplink, it bridges copper devices with fiber backbones effortlessly. With built-in AC power and wall-mounting capability, it eliminates external power adapters and simplifies installation in space-constrained environments. Ideal for surveillance systems, SME offices, and remote sites, this switch delivers reliable high-speed connectivity with minimal deployment effort.

### Flexible Gigabit Connectivity

Equipped with 4x Gigabit RJ45 ports for connecting PCs, IP cameras, or APs, plus 1x SFP fiber port for uplink aggregation, ensuring high-speed data transfer across mixed media.

### Long-Distance Fiber Uplink

The SFP port supports fiber transmission up to 80km, overcoming copper distance limits and providing immunity to electromagnetic interference for stable backbone connections.

### Built-in AC Power Design

Features an integrated AC power input, removing the need for external power adapters. This reduces cable clutter, improves reliability, and simplifies power management.

### Wall-Mountable Form Factor

Designed with mounting holes for easy wall installation, making it perfect for corners, ceilings, or confined spaces where desktop placement is not feasible.

### Plug-and-Play Simplicity

Supports auto-negotiation and auto-MDI/MDIX, requiring no configuration. Simply connect cables and power to establish a stable network link immediately.

# FMC100-4GE1GF-AC

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### Technical Datasheet

<b>Model</b>	<b>FMC100-4GE1GF-AC</b>	
<b>Hardware Specifications</b>		
Connector	4*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1*1.25G Base-X SFP	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(green) Fiber: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab/z 1000 BASE-TX IEEE802.3x Flow Control IEEE802.3az EEE	
Jumbo Frame	9K	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	10Gbps
	Packet forwarding rate	7.44Mpps
	MAC address	4k
Power requirement	AC 100~240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension (W x D x H)	125 x 109 x 32mm	
Weight	<0.5kg	
Environment	Operating temperature: -20℃~55℃, operating humidity: 5%~95% Storage temperature: -40℃~75℃, storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE.RoHs	



### Ordering Information

FMC-100-4GE1GF-AC	4ch 10/100/1000BASE-T to 1.25GBASE-X SFP Fiber Converter
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