



9 Ports Gigabit SFP Fiber Media Converter



FMC100-8GE1GF-AC



Key Features:

- 1x 1.25G SFP slot & 8x 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 9-Port Gigabit Fiber Switch designed for seamless edge network expansion. Featuring 8x 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 8x 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.

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Technical Datasheet

Model	FMC100-8GE1GF-AC	
Hardware Specifications		
Connector	8*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	20Gbps
	Packet forwarding rate	13.4Mpps
	MAC address	4k
Power requirement	AC 100~240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension (W x D x H)	160 x 115 x 40mm	
Weight	<0.7kg	
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

FMC100-8GE1GF-AC	8ch 10/100/1000BASE-T to 1.25GBASE-X SFP Fiber Converter
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