

Model: MC220P

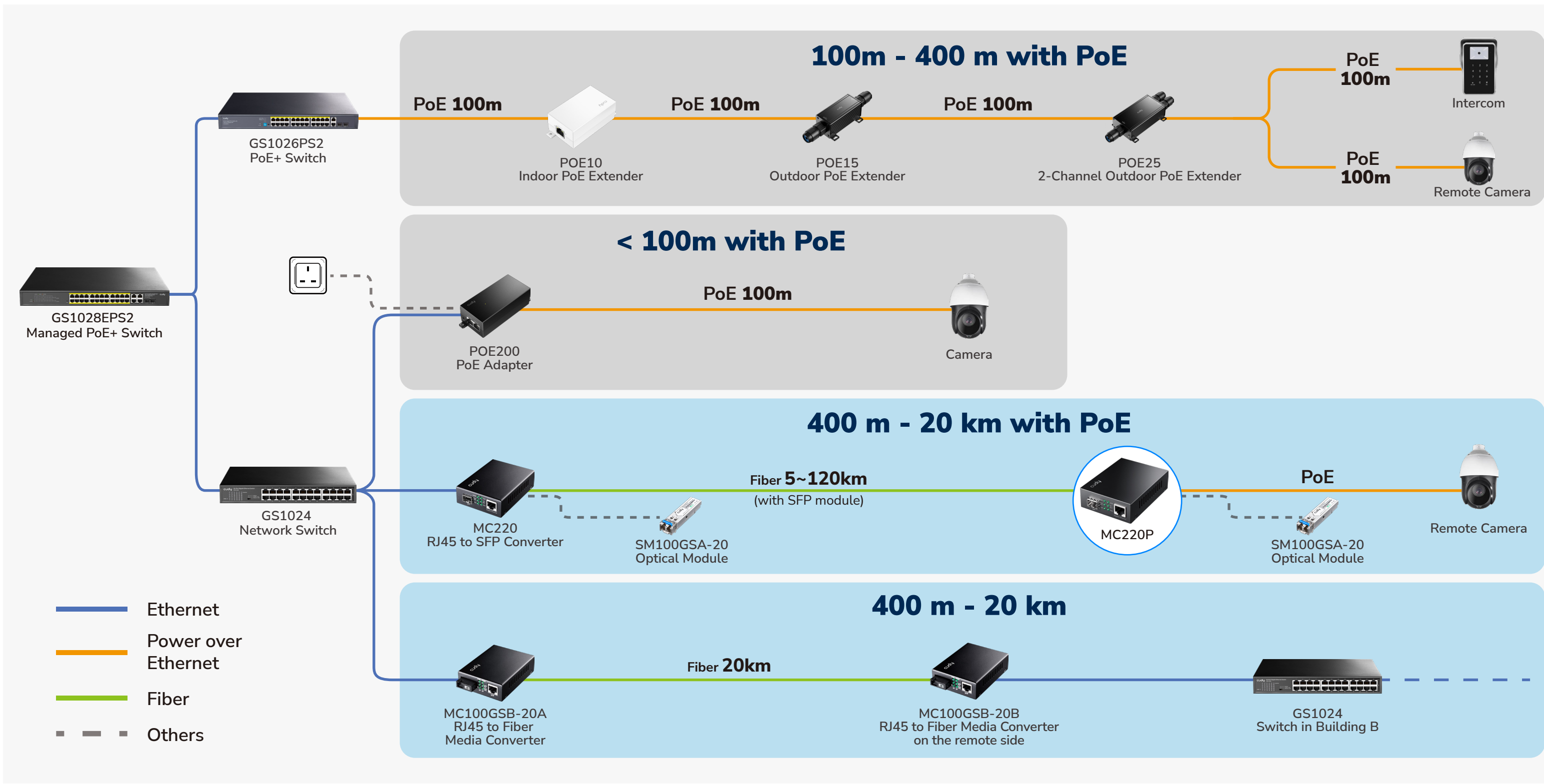
Gigabit Ethernet PoE+ Media Converter



-  Gigabit RJ45 Port to SFP Slot
-  802.3at/af, Max 30W, Mode A
-  Hot-Swappable on RJ45 and SFP
-  LFP and FEF for Troubleshooting

[Datasheet](#)

Long-Distance Networking and PoE Solution





Highlights

10/100/1000 Mbps RJ45 to SFP slot media converter. The RJ45 port delivers both data and up to 30W of power to an AP, IP camera, or other PD devices, simplifying long-distance network deployment.

Package Content

- MC220P
- Installation Guide
- Power Adapter

Versatile Scenarios



Surveillance



Smart Building



HQ-Branch Connectivity



Smart City

Specifications

Interfaces	1.25G SFP Slots	1
	SFP Hot Swapping	True
	Gigabit RJ45 PoE Ports	1
	Max Power on a Single PoE Port	30W
	PoE Port Notes	The PoE ports comply with IEEE 802.3at/af standards.
	LED	• PWR: Power on/off • 1000M/100M: RJ45 link speed • TP ACT: RJ45 status • Fiber ACT: Fiber slot status • PoE: PoE Status
	Power Input	DC Jack
Performance	Copper Speed and Distance	Cat. 5e or higher cable: 100 meters at Gigabit
	Optical Spec and Distance	Depends on the Installed Optical Module
	Jumbo Frame	16 KB
Power	Power Methods	DC
	DC	54V $\approx$ 0.66A
	Power Adapter	Input: 100-240V~, 50/60Hz Output: 54V $\approx$ 0.66A
	Power Supply	35W

Specifications

Power	Max Power Excluding PoE	2.3W (45°C / 113°F Ambient Temp.) 1W (20°C / 68°F Ambient Temp.)
	Idle Power Consumption	0.5W
Network	802.3 Protocols	• 802.3at PoE
		• 802.3af PoE
		• 802.3i 10BASE-T
		• 802.3u 100BASE-T
		• 802.3ab 1000BASE-T
		• 802.3x Flow Control
		• 802.3az Power Saving
	Troubleshooting	• Far End Fault (FEF)
		• Link Fault Pass Through (LFP)
Reliability	Environment	Operating Temperature: 0~50 °C (32~122 °F)
		Storage Temperature: -40~70 °C (-40~158°F)
		Operating Humidity: 10%~90% non-condensing
		Storage Humidity: 5%~95% non-condensing
Mechanical	Dimension	70×94×26 mm
		2.76×3.7×1.02 inches
	Casing Material	Metal
	Installation	• Desktop
		• Chassis

Ordering Information	Retail Package Dimension	185×129×56 mm
		7.28×5.08×2.2 inches
	Units per Carton	40
	Carton Dimension	53.7×30.3×39.1 cm
		21.14×11.93×15.39 inches