

# F1105P-4-63W

5-Port 10/100Mbps Desktop Switch with 4-Port PoE

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### Products Description

F1105P-4-63W is a 5-port 10/100Mbps unmanaged switch that requires no configuration and provides 4 PoE ports. It can automatically detect and supply power to all IEEE 802.3af/at-compliant Powered Devices (PDs). Enabling "Ethernet Extend Mode" makes Ports 1-4 negotiate to 10M full-duplex rate and isolate from each other, but all communicate with the Uplink port. In this mode, the transmission distance is up to 250m. In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.



## Key Feature

- 4 PoE Ports to power connected devices for flexible network deployment
- Supports IEEE 802.3af/at PoE standard and be compatible with PDs such as APs, IP Cameras or IP Phones, etc
- Ethernet Extend Mode makes transmission distance up to 250m and Ports 1-4 isolated respectively
- Up to 200Mbps full duplex bandwidth capability for high speed data processing
- 1K entry MAC address table of the PoE switch with auto-learning and auto-aging
- Supports IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- Compact metal case for desktop or wall-mounting

## Product Features



### Power Supply up to 250m(820 feet)

Up to 250m PoE distance allows you to expand your network via Ethernet cable to where there is no power line or outlet but where you want to fix devices such as APs, IP Cameras or IP Phones, etc.. No longer need to worry about the complicated cables and long distance which may cost you a lot of time and money.



### Support IEEE 802.3af/at Power Supply Standard

Supports IEEE 802.3af/at power supply standard with single port power supply up to 30W , F1105P can comply with more high-power devices . It also can automatically detect powered devices to supply power which will help protect the system when the system power is overloaded.



### High Performance Exceptional Data Processing Ability

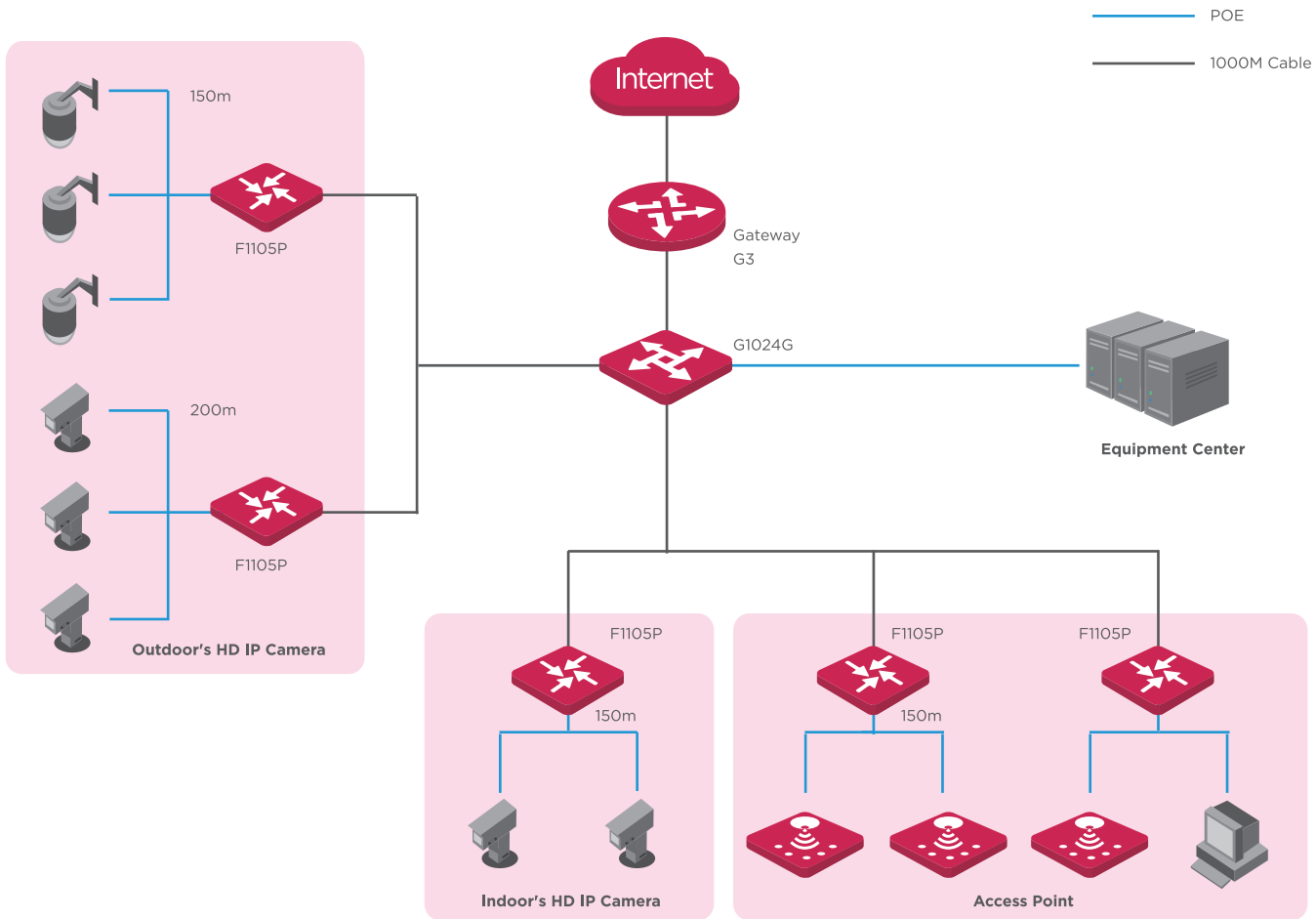
Featuring store-forward switching architecture with backpressure up to 1Gbps, all ports forwards and filters packets at full wire-speed for maximum throughput. 4 HD IP Cameras can be accessed at the same time. Flow control for Full Duplex mode and backpressure for Half Duplex mode alleviate the traffic congestion and make TEF1105P work reliably.



### Power Supply with 8-core Ethernet Cable

Innovative energy-efficient technology saves power consumption up to 70%, making it an eco-friendly solution for your business network. Additionally, up to 6KV lightning protection brings safe and stable power supply up to 100,000 hours

# 应用环境



Product Model		F1105P-4-63W
Hardware Features		
Standards&Protocols	IEEE 802.3、IEEE 802.3u、IEEE 802.3x、IEEE 802.3af、IEEE 802.3at	
Switching capacity	1 Gbps	
Throughput	0.744Mpps	
Dimensions (W × D × H)	100mm*100mm*26mm	
MTBF	≥50,000 hours(about 5 years)	
Indicators	Link/Act , PoE Status, Power、 PoE Max	
Interfaces	4 10/100Mbps RJ45 Ports(Data/PoE) 1 10/100Mbps RJ45 Ports(Data) (Auto Negotiation/Auto MDI/MDIX)	
Capacity	Wire-speed forwarding	Support
	Forwarding mode	Store-forward and cut-through
	Mac Address Table	1K
PoE Supply	Port 1 to Port 4 support standard IEEE802.3at/af power( maximum power for each port is 30W), PoE power type is end-span(12+, 36- and 45+, 78- line pair)	
Input Voltage	AC: 100—240V~ 50/60Hz DC: 51V /1.25A (Power Adapter Output )	
Power consumption	in full configuration: <63.7W Power Supply: 57.8W	
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing	
One-key mode	<p><b>Extend Mode:</b> If "Extend mode" is enabled, VLAN isolation is enabled. Port 1-4 will be isolated respectively (10Mbps auto-negotiation), but can communicate with the Uplink port. And the delivery distance of powering and network data is up to 250m (10Mbps).</p> <p><b>Default Mode:</b> If Default mode is enabled, the device works as a general switch and all ports support 10/100Mbps auto-negotiation.</p>	
Certification	FCC、CE、RoHS、EAC、BIS、RCM	

**IP-COM**

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