

DATA SHEET

Ethernet Switches with PoE



CF-POE24



CF-POE16

- Gigabit 16 & 24 port Ethernet switches
- Self-adaptive 48V IEEE 802.3af/at PoE (ports 1~4/1~8)
- Designed for use with Clear Flow WiFi access points
- Suitable for network CCTV systems
- VLAN & CCTV modes for port isolation & PoE range extension

Model	CF-POE16	CF-POE24
PoE Standard	IEEE802.3af/at	
Interface	16*10/100/1000Mbps RJ45 PoE (data/power) 2*1000Mbps RJ45 uplink (data) + 2*1000Mbps SFP	
PoE Ports	1~16	1~24
PoE Budget Total	300W	360W
Max/average power per port	30W/15.4W	
RJ45 PoE Power Supply	Automatic detection, full/half duplex	
Fibre Port Feature	Gb SFP port (supports single/multi-mode, single/dual fibre, LC)	
Fibre Port	Store & forward (full wire speed)	
Switching Capacity	40Gbps (non-blocking)	54Gbps (non-blocking)
MAC Address Table	8K	
Forwarding Mode	29.76Mpps	40.18Mpps
Packet Buffer Memory	4M	
Twisted Pair Transmission	10BaseT (250m)/100BaseTX (100m)	10BaseT (250m)/100/1000BaseTX (100m)
Power Supply Pin	Default 1/2(+), 3/6(-); optional 4/5(+), 7/8(-)	
Power Consumption	Standby: <15W; full load:<300W	
Fan	Fanless	
Dimensions	330 x 204 x 44mm	
Net/gross Weight	3kg/4kg	
19" rack Mounting ears	Yes	
Power Supply	Built-in switching power supply, AC100~240V 50-60Hz 4.1A	
Operating Temp/humidity	-20°C ~ +55°C;5% ~ 90% RH non-condensing	
Storage Temp/humidity	-40°C ~ +75°C;5% ~ 95% RH non-condensing	
LED Indicator	Power (green); Network (green), POE indicator (green)	
Lightning Protection	Port lightning protection ±4KV 8/20us. Protection level: IP30	
Certification	CCC, CE mark, UKCA, CE/LVD EN60950, FCC part 15 - Class B; RoHS	
Installation	Desktop/shelf or 19" rack mount (1U cabinet installation)	
Warranty	2 years limited	