

ICPS-1084-FK-120

8 埠 10/100TX + 4 埠 PoE 供電

工業平坦型乙太網路交換機

- 符合 IEEE 802.3at PoE 電力線供電標準，單埠輸出高達 25.4W
- 雙電源輸入並支援極性保護與過電流保護
- 符合工業安全規範標準
- 支援 Non Blocking 無阻塞設計
- 支援存儲轉發設計
- 工業級溫度設計，操作溫度範圍 -20°C ~ 60°C
- 符合 IP-30 強度保護
- 寬電壓輸入設計 48VDC ~ 54VDC
- 適用環境：安防領域、戶外監控、宅內箱



OVERVIEW

萬東科技 ICPS-1084-FK 提供 8 埠 100M 埠口，其中 5-8 埠支持 POE (power over Ethernet) 符合 IEEE802.3 at /IEEE 802.3 at+，可應用於 IP-cam 需求。

ICPS-1084-FK 支援 DC Jack 及 terminal Block 電源輸入。同時支援機架式、滑軌式(Din-Rail) 或壁掛式安裝，方便於安裝施工。

ICPS-1084-FK 通過相關工業安全規範檢驗，EMI 檢磁規範及可靠度實驗室通過各式試驗包含落下、震動及衝擊試驗，以確保產品設計的可靠性及穩定度。

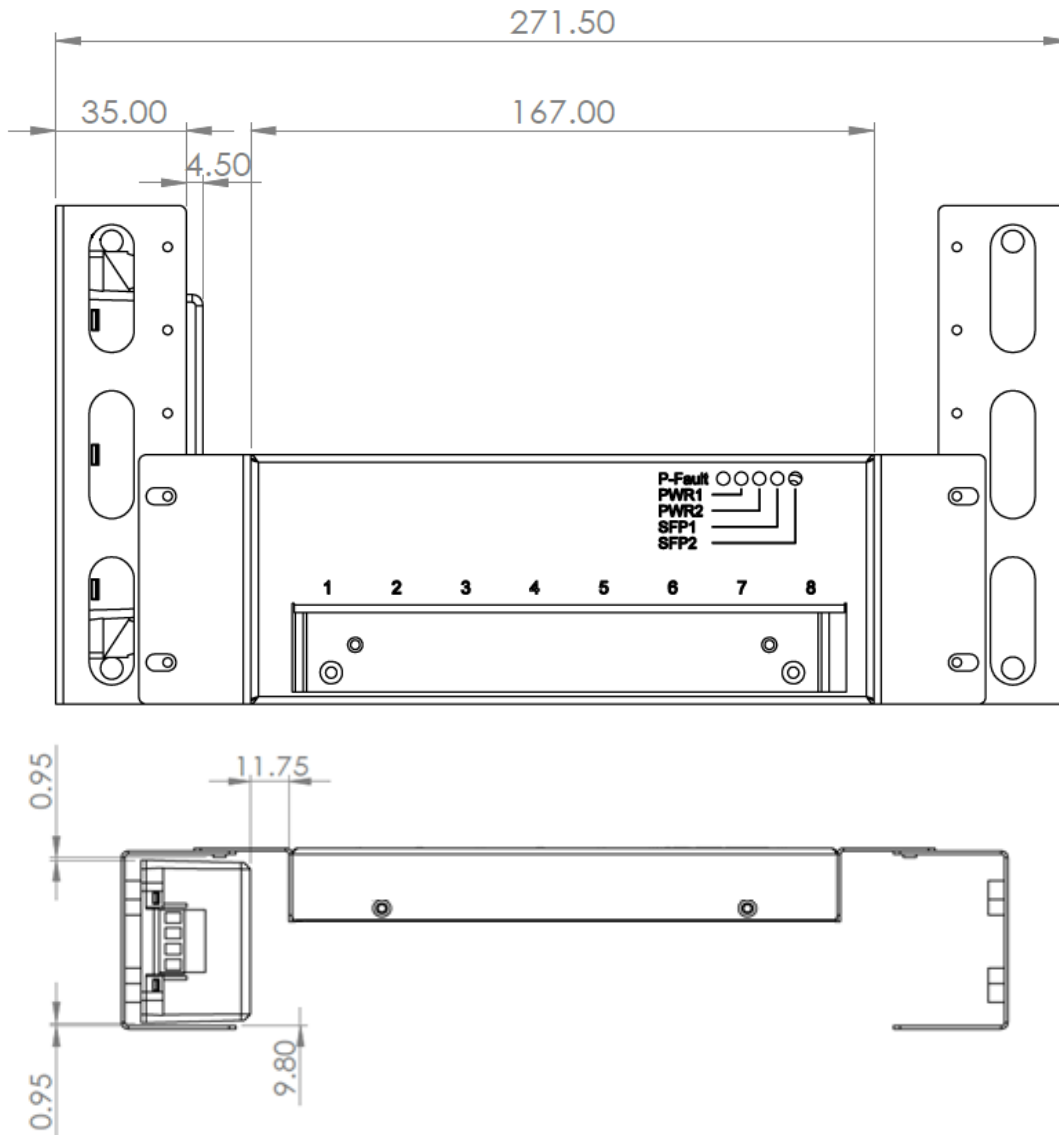
ICPS-1084-FK 採 Non-Blocking 無阻塞設計，確保在各種狀況下能全速傳輸，同時每埠最高可提供 200Mbps 雙向傳輸速率，提供足夠的帶寬處理能力，確保網路可長時間並且穩定使用，是提升網路性能的最佳方案。

ICPS-1084-FK 可與戶外無線接入點(WIFI-AP)及 IP-CAM 等設備連接，並可應用於安防科技、戶外監控、宅內箱應用等環境。

ICPS-1084-FK 支援寬溫設計，符合-20~60 度操作溫度，可長時間安裝於戶外機箱，是最佳工業級網路交換機方案。

FEATURES & BENEFITS

- 系統介面 / 效能
 - RJ-45 埠支援 Auto MDI/MDI-X 功能
 - 嵌入式 4 埠 PoE Injector 模組
 - 存儲轉發系統架構
 - 背板頻寬 (Switching Fabric): 1.6Gbps
 - 1K MAC 網路地址表
- 寬溫設計(-20°C ~ 60°C)
- 強化設計，符合 IP-30 保護
- 寬電壓輸入直流 DC 48 ~ 56V，雙電源設計
- 符合工業用檢磁及安全規範
- 支援極性保護，過電流保護

DIMENSIONS
ICPS-1084-FK

SPECIFICATION

IEEE Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX IEEE802.3u 100Base-FX IEEE802.3x Flow Control and Back Pressure IEEE 802.3af PoE specification IEEE 802.3At PoE specification	MAC Address	1K MAC addresses
Switch Properties	Back-plane (Switching Fabric): 1.6Gbps Packet throughput ability (Full-Duplex): 148810pps @64bytes	Processing	Store-and-Forward
Transfer Rate	14,881pps for Ethernet port 148,810pps for Fast Ethernet port	Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5, 6 cable EIA/TIA-568 100-ohm (100m)
Connectors	10/100TX: 8 x RJ-45 with auto MDI/MDI-X function Support 4 PoE injector function	PoE pin Assignment	RJ-45 port #5 - #8 support IEEE 802.3at End-point; Alternative A mode. Positive (VCC+): RJ-45 pin 1,2 Negative (VCC-) : RJ-45 pin 3,6

	Data (1,2,3,6)		
		Consumption	3.76 Watts (Full load: Only Ethernet)
		Operating Humidity	5% to 95% Non-condensing
Protocol	CSMA/CD	Operating Temperature	-20°C~60°C (ICPS-1084-F)
Case Dimension	Metal case,IP-30; 167mm(W)x67mm(D)x24mm(H)	Storage Temperature	-40°C~85°C / -40°F~185°F
Weight	358g	EMI/EMS	CE,FCC
		Warranty	1 years
LED	Power Indicator Green LED x 1 POE Indicator Green LED x 4 10/100Base-T(X) RJ45 port indicator Green for port Link/Act.		
Power Supply	48VDC (48~56VDC), Redundant power with dc-Jack input and removable terminal block		
PoE Power	POE power per port 25.4watts @54V		

**Optional

ORDERING INFORMATION

- **ICPS-1084-FK**
8 10/100TX w/4 PoE Injector Industrial FLAT Switch; Including 60w Adapter; -20°C~60°C;
- **ICPS-1084-FK-120**
8 10/100TX w/4 PoE Injector Industrial FLAT Switch; Including 120w Adapter; -20°C~60°C;

OPTIONAL ACCESSORIES

DIN Rail Power

- **AD1048-24FS** 24VDC, 2A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 18 Watts at 75°C.)
- **AD1024-24F** 24VDC, 1A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 9 Watts at 75°C.)
- **AD1240-48S** 48VDC, 5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)
- **AD1120-48F** 48VDC, 2.5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)

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