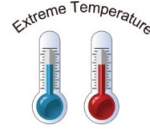


# ICES-1080-FK

8 埠 10/100/1000TX

工業平坦型乙太網路交換機

- 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
- 操作溫度範圍 0°C ~ 60°C
- 寬輸入電壓設計 12VDC ~ 56VDC
- 適用環境：安防領域、戶外監控、宅內箱



## OVERVIEW

萬東科技 ICES-1080-FK 提供 8 埠 10/100M RJ-45 端口，ICES-1080-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，是提升網路穩定性的最佳方案。

ICES-1080-FK 支援 DC-JACK 或 Terminal Block 電源輸入。同時支援滑軌式(Din-Rail) 或壁掛式安裝，方便於安裝施工。

ICES-1080-FK 是為符合嚴峻使用環境而設計，全機身符合 IP-30 強化保護，並通過相關工業安全規範檢驗，EMI 檢磁規範及實驗室通過各式嚴格試驗包含落下、震動及衝擊試驗，以確保產品設計的可靠性及穩定度。

ICES-1080-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、宅內箱等環境，並支援寬溫設計，符合 0~60 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。

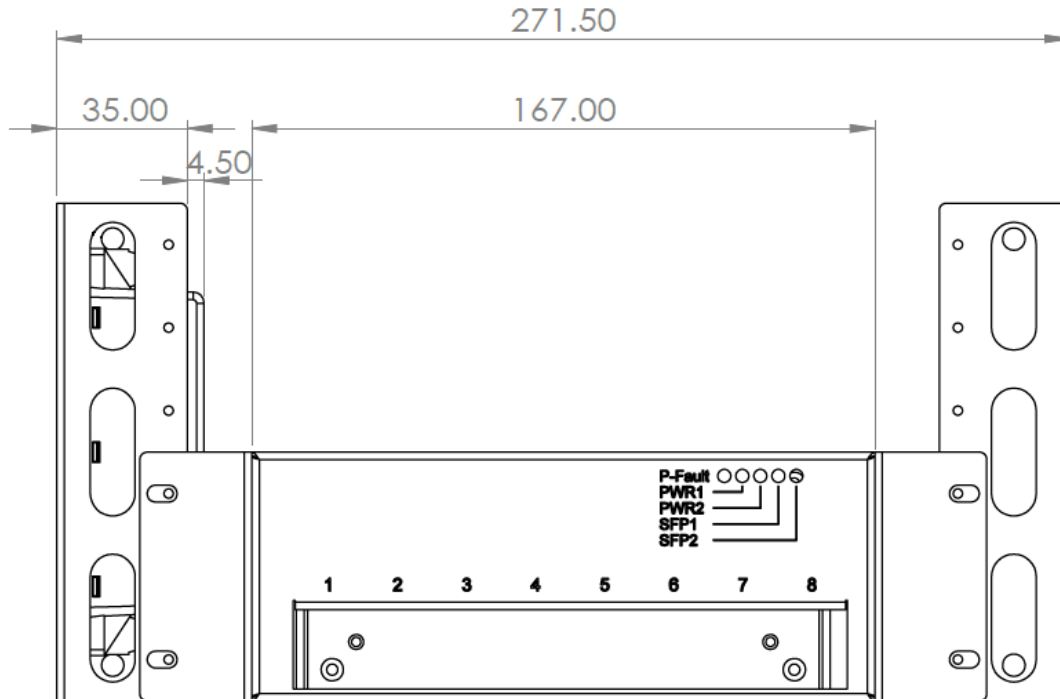
## FEATURES & BENEFITS

系統介面 / 效能

- RJ-45 埠支援 Auto MDI/MDI-X 功能
- 存儲轉發系統設計 Store-and-Forward Switching
- 背板頻寬 (Switching Fabric): 1.2 Gbps
- 1K MAC 地址表

- 寬溫設計(-40°C~75°C)
- 強化設計，符合 IP-30 保護
- 支持滑軌式安裝 DIN Rail 以及壁掛式安裝
- 寬輸入電壓設計，直流 DC 12~56V
- 雙電源輸入，支援 power Failure Alert
- 支援極性保護，過電流保護
- 通過安全規範檢驗，EMI 檢磁規範

## DIMENSIONS

**ICES-1080-F**


## SPECIFICATION

IEEE Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX IEEE802.3x Flow Control and Back Pressure	LED	Power Indicator Green LED x 1 10/100Base-T(X) RJ45 port indicator Green for port Link/Act. Amber for Duplex/Collision
Switch Properties	Back-plane (Switching Fabric): 1.6Gbps Packet throughput ability (Full-Duplex): 148810pps @64bytes	Power Supply	12~48 VDC input, Redundant power with polarity reverse protect function and removable terminal block
Transfer Rate	14,881pps for Ethernet port 148,810pps for Fast Ethernet port	Consumption	3.76 Watts (Full load: Only Ethernet)
Connectors	10/100TX: 8 x RJ-45 with auto MDI/MDI-X function	Overload Current	Present
MAC Address	1K MAC addresses	Reserve Polarity	Present
Processing	Store-and-Forward	Operating Humidity	5% to 95% Non-condensing
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)	Operating Temperature	0°C~60°C
Protocol	CSMA/CD	Storage Temperature	-40°C~85°C / -40°F~185°F
Case Dimension	Metal case,IP-30; Metal case,IP-30; 167mm(W)x67mm(D)x24mm(H)	EMI/EMS	CE ,FCC
Weight	348g	Warranty	1 years

\*Future Release  
\*\*Optional

## ORDERING INFORMATION

■ **ICES-1080-FK**

Datasheet Version 1.3

www.wandong.com.tw | shsh0963@gmail.com

8 10/100TX Industrial FLAT Switch; Including 12w Adapter; 0°C~60°C;

■ **ICES-1084-F**

8 10/100TX Industrial FLAT Switch; 0°C~60°C;

■ **ICES-1084-FE**

8 10/100TX Industrial FLAT Switch; Input Power 12VDC~48VDC ; -40°C~75°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
- AD1024-24F (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 18 Watts at 75°C.)
- AD1240-48S 24VDC, 1A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C
- AD1120-48F (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 9 Watts at 75°C.)  
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)  
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)

### Mini GBIC (SFP)

- |             |  |            |  |
|-------------|--|------------|--|
| ■ 8330-162  | MINI GBIC 1000SX (LC/0.5km) Transceiver      | ■ 8330-186 | LTSFP-1000BX-20KM Transceiver (WDM 1310) |
| ■ 8330-163  | MINI GBIC 1000SX2 (LC/2km) Transceiver       | ■ 8330-187 | LTSFP-1000BX-20KM Transceiver (WDM 1550) |
| ■ 8330-165  | MINI GBIC 1000LX (LC/10km) Transceiver       | ■ 8330-180 | LTSFP-1000BX-40KM Transceiver (WDM 1310) |
| ■ 8340-0591 | MINI GBIC 1000LHX (LC/40km) Transceiver      | ■ 8330-182 | LTSFP-1000BX-40KM Transceiver (WDM 1550) |
| ■ 8330-166  | MINI GBIC 1000XD (LC/50km) Transceiver       | ■ 8330-181 | LTSFP-1000BX-60KM Transceiver (WDM 1310) |
| ■ 8330-169  | MINI GBIC 1000XD (LC/60km) Transceiver       | ■ 8330-183 | LTSFP-1000BX-60KM Transceiver (WDM 1550) |
| ■ 8330-167  | MINI GBIC 1000ZX (LC/80km) Transceiver       | ■ 8330-184 | LTSFP-1000BX-80KM Transceiver (WDM 1490) |
| ■ 8330-170  | MINI GBIC 1000EZX (120km) Transceiver        | ■ 8330-185 | LTSFP-1000BX-80KM Transceiver (WDM 1550) |
| ■ 8330-168  | MINI GBIC 1000T (100m) Transceiver           |            |  |
| ■ 8330-061  | 100Base LX 30KM, Single-mode, LC Transceiver |            |  |
| ■ 8330-060  | 100Base FX 2KM, Multi-mode, LC Transceiver   |            |  |
| ■ 8330-188  | LTSFP-1000BX-10KM Transceiver (WDM 1310)     |            |  |
| ■ 8330-189  | LTSFP-1000BX-10KM Transceiver (WDM 1550)     |            |  |

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