

ES Industrial Ethernet Switch

ES 工業級乙太網路交換器



工業級管理型乙太網路交換器

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工業級管理備援型乙太網路交換器

ESR528G系列專為工業應用所設計，提供有效的設備管理及支援多項網管功能，如SNMP、RMON、VLAN、QoS頻寬管理、Port Mirroring並支援iA-Ring、Ring Coupling、Dual Homing等網路拓樸及自動E-mail或Relay事件警示。使用者可透過Web browser輕鬆管理並提供多組DC電源備援及工業界最快的網路故障回覆時間<10ms，並確保無中斷操作。

特點

- 可佈建快速回復乙太網路環狀拓樸（即使超過250-unit連線的網路環境，其回復時間亦<10ms）並支援RSTP（IEEE802.1W）
- 支援iA-Ring、Ring Coupling、Dual Homing等網路拓樸技術。
- 支援SNMP V1/V2/V3、RMON及Port based/802.1Q VLAN等網路管理功能。
- 可透過E-mail、SNMP trap及Relay自動發出事件警示通知。
- 具三組備援電源輸入，確保無中斷操作。
- 支援電流過載及電源極性反相保護。
- 適用於攝氏-10~60度的寬溫作業環境。
- 提供DIN-Rail及壁掛安裝方式。

訂購資訊

	ESR528G	ESR528G-Fm	ESR528G-Fs
10/100TX port no.	6	6	6
1000TX port no.	2		
1000LX port no.			2
1000SX port no.		2	

1A25F(US) Jack：可鎖式

1A25F(EU) Jack：可鎖式

工業級非管理型乙太網路交換器

ES508系列專為工業應用所設計，可適用於各種嚴峻的工業環境，並提供DIN-Rail壁掛的安裝方式，支援符合IEEE802.3/802.3u/802.3ab 10/100/1000Base-TX及802.3z 1000Base-SX/LX標準，並符合802.3x flow control全雙/半雙工傳輸，可自動調整為MDI或MDI-X。ES508並提供多組DC電源備援，確保無中斷操作並可透過Relay自動發出輸出電源中斷警告。

特點

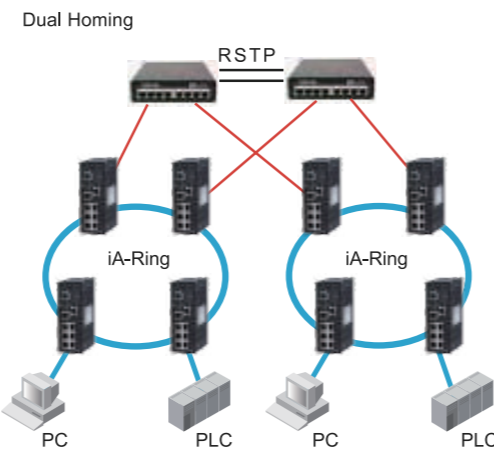
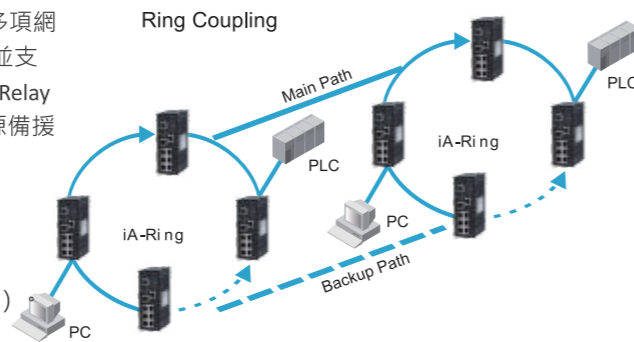
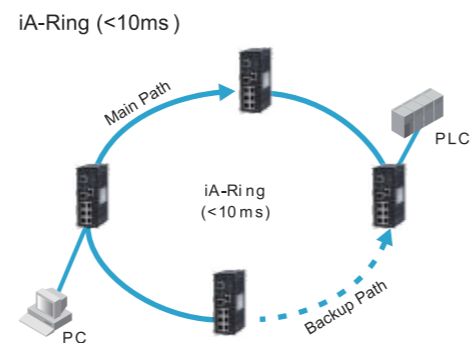
- 可透過Relay自動發出網路線路中斷及電源失效警示通知輸出。
- 具三組備援電源輸入，確保無中斷操作。
- 支援電流過載及電源極性反相保護。
- 適用於-40~75度的寬溫作業環境。
- 提供DIN-Rail及壁掛的安裝方式。

訂購資訊

	ESR508	ESR508G	ESR508G-Fm	ESR508G-Fs
10/100TX port no.	8	6	6	6
1000TX port no.		2		
1000LX port no.				2
1000SX port no.			2	

1A25F(US) Jack：可鎖式

1A25F(EU) Jack：可鎖式



ES工業級乙太網路交換器系列規格



ESR528G Series

Technology		
Ethernet	802.3-10BaseT, 802.3u-100BaseTX, 100BaseFX, 802.3x-802.3z-1000BaseLX, 802.3ab-1000BaseTX, 802.3ad-, 802.1d-MAC Bridges, 802.1d-, 802.1p-Class of Service, 802.1q-, 802.1w-Rapid Spanning Tree Protocol, 802.1x-Port Based Network Access Control	
	Flow Control	IEEE 802.3x Flow Control and Back-pressure
	Processing	Store-and-Forward
	Interface	
	RJ45 Port	10/100Base-TX, AutoMDI/MDIX 1000Base SX / LX SX- Multi-Mode: 850 nm, 50/125 μm or 62.5/125 μm, up to 550 M LX- Single-Mode: 1310 nm, 10/125 μm, up to 5 KM
Fiber Port	Per Unit: Power x 3 (Green) RJ-45 port: LNK (Green) / ACT (Amber) Giga port and Fiber port: LNK (Green) / ACT (Amber)	
LED Indicator	Switching bandwidth: 5.6Gbps VLANs: 4096 IGMP multicast groups: 256 Port rate limiting: User Defined	
Switch Property	Enable/disable ports, MAC based port security Port based network access control (802.1x) VLAN (802.1q) to segregate and secure network traffic Radius centralized password management SNMPv3 encrypted authentication and access security	
Security Feature	TOS/Diffserv supported Quality of Service (802.1p) for real-time traffic prioritization VLAN (802.1q) with VLAN tagging and GVRP supported IGMP Snooping Port configuration, status, statistics, monitoring, security	
Software Feature	Web-based, Telnet, CLI management interfaces SNMP v1/v2/v3 Remote Monitoring (RMON) Rich sets of diagnostics with event logging and alarms Centralized manager windows utility program	
Management Tool	STP/RSTP	
Network Redundancy	Network Ring (iA-Ring) with recovery time less than 10ms over 250 units	
Power		
Power Input	PWR1/2: 12~48VDC on 7-pin Terminal Block PWR3: 12~45VDC from DC-Jack	
Reverse Polarity Protection	Yes	
Power Consumption	9 Watts Max	
Environmental		
Operating Temp.	-10 to 60°C (14 to 140°F)	
Storage Temp.	-40 to 85°C (-40 to 185°F)	
Humidity	5% to 95% Non-condensing	
Mechanical		
Dimension (W x H x D)	52 x 144 x 106mm	
Casing	IP-30	

ES508 Series

Technology	
Ethernet	IEEE 802.3 10-Base-T
	IEEE 802.3u 100Base-TX
	IEEE 802.3 100Base-FX
	IEEE 802.3 1000Base-SX, LX
Switching Latency	7 μs
Flow Control	IEEE 802.3x Flow Control and Back-pressure
Processing	Store-and-Forward
Interface	
RJ45 Port	10/100Base-TX, Auto MDI/MDIX 1000Base SX / LX SX Multi-Mode: 850 nm, 50/125 μm or 62.5/125 μm, up to 550 M LX Single-Mode: 1310 nm, 10/125 μm, up to 5 KM
Fiber Port	RJ45 Port: LNK(Green) / ACT(Amber) Giga port and Fiber Port: LNK(Green) / ACT(Amber)
LED Indicator	Power
Power Input	PWR1/2: 12~48V DC on 7-pin Terminal Block PWR3: 12~45V DC from DC-Jack
Reverse Polarity Protection	Yes
Consumption	7.5 Watts Max
Environmental	
Operating Temp.	-40 to 75°C (-40 to 167°F)
Storage Temp.	-40 to 85°C (-40 to 185°F)
Humidity	5% to 95% Non-condensing
Mechanical	
Dimension (W x H x D)	52 x 144 x 106mm
Casing	IP-30
Regulatory Approval	
Shock	IEC 60068-2-27
FreeFall	IEC 60068-2-32
Vibration	IEC 60068-2-6
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS)
	EN61000-4-4 (EFT), EN61000-4-5 (Surge)
	Level 3, EN61000-4-6 (CS), Level 3
	CE/FCC class A
	RoHS