

# 工業及企業 網路設備選購手冊

為您的產業及企業  
快速提升及優化連結



掃描下載  
行銷物及型錄

# 專為視訊監控網路而設計

為視訊監控產業 IP Surveillance 解決複雜的網路設定問題！安全性更提升！為系統整合商 (SI) 和專業安裝人員提供了視訊監控設備簡易的安裝設定，一鍵式創建虛擬區域網路 (VLAN)、立即自動發現及自動註冊，快速簡便、隨插即用。可自動快速發現網路上符合標準的設備及管理這些設備。

-   
視訊監控  
VLAN
-   
長距離網路  
連線模式
-   
自動偵測  
PD 受電設備
-   
網路電話  
VOIP VLAN
-   
DHCP  
監聽
-   
雙韌體  
即時備援
-   
PoE 防止  
電流倒灌



## PoE 供電 L2 智慧網管

Model No.	GS-5424PLX V2	GS-5424PLC V3	GS-5216PLC	GS-5210PL
	Gigabit Ethernet			
Total Port Count	28-Port	28-Port	18-Port	12-Port
Description	Surveillance VLAN 28-Port Gigabit PoE+ Long Range Web Smart Switch with 4 10GbE SFP+ Ports	Surveillance VLAN 28-Port Gigabit PoE+ Long Range Web Smart Switch with 4 Gigabit RJ45/SFP Combo Ports	Surveillance VLAN 18-Port Gigabit PoE+ Long Range Web Smart Switch with 2 Gigabit RJ45/SFP Combo Ports	Surveillance VLAN 12-Port Gigabit PoE+ Long Range Web Smart Switch with 2 Gigabit RJ45 Ports and 2 SFP Ports
Port/Module Slots				
GbE / FE	24 x GbE	24 x GbE	16 x GbE	10 x GbE
SFP/SFP+ Slot	4 x 10GbE SFP+	-	-	2 x SFP
GbE Combo Port	-	4	2	-
PoE Port	24	24	16	8
Console Port	v	v	-	-
PoE Power Management				
IEEE 802.3af/at	v	v	v	v
Power Budget Management UI	v	v	v	v
PD Alive Check	v	v	v	v
Overloading Protecting	v	v	v	v
Power Backfeed Protection	v	v	v	v
Long Range PoE 200M*	v	v	v	v
Total PoE Power Budget	400W	400W	280W	110W
Performance				
Switching Capacity / Backplane	128Gbps	56Gbps	36Gbps	24Gbps
Forwarding Rate (Max.)	95.2Mpps	41.6Mpps	26.7Mpps	17.8Mpps
MAC Address	16K	8K	8K	8K
Jumbo Frame	12KB	9KB	9KB	9KB
Packet Buffer	12Mb	4.1Mb	4.1Mb	4.1Mb
Management				
Web-Based	v	v	v	v
Features				
Surveillance VLAN Auto-Enrollment	v	v	v	v
IEEE 802.1q VLAN	v	v	v	v
STP/RSTP/MSTP	v	v	v	v
SNMP v1/v2c/v3	v	v	v	v
Trunking Group	8	8	8	8
LACP/Static LAG	v	v	v	v
QoS/Priority Queues	v	v	v	v
IGMP Snooping	v	v	v	v
LLDP, LLDP-MED	v	v	v	v
Port Mirroring	v	v	v	v
Loopback Detection	v	v	v	v
Access Control List (ACL)	v	v	v	v
Dual Firmware	v	v	v	v
Voice VLAN	v	v	v	v
DHCP Snooping	v	v	v	v
TACACS+, RADIUS	v	v	v	v
Others	-	-	4-digit LED display for PoE power status	4-digit LED display for PoE power status
Fan Type	2 x Fans with Intelligent Thermal Controller	2 x Fans with Intelligent Thermal Controller	1 x Fan with hot-swappable fan tray	Fanless
Power Type	Internal Power	Internal Power	Internal Power	Internal Power
Physical				
Dimension (LxWxH)	441x270x44mm	441x270x44mm	441x196x44mm	330x230x44mm
Mounting Type	Rack Mount	Rack Mount	Rack Mount	Rack Mount

\* Guaranteed PoE long distance to 200 meters.

# 簡化網路管理，優化連接品質

提供簡易高效的資料傳輸、快速靈活部署的網路連線解決方案，以滿足網路不斷成長擴增的需求，具備企業網路智慧型 L2 (Layer 2) 管理功能，友善、直覺好操作的智慧型網頁管理介面 Web-based UI，簡易直覺功能具足! 進一步幫助優化企業網路的性能。



PoE 供電 L2 / 智慧網管			L2 / L2+ / 智慧網管				
Model No.	GS-5654PLX V2	GS-5210PLG	Model No.	FS-5428X	GS-5654LX / GS-5424LX	GS-5424G	GS-5008E
	Gigabit Ethernet			Gigabit Ethernet			
Total Port Count	54-Port	10-Port	Total Port Count	28-Port	54-Port / 28-Port	28-Port	8-Port
Description	Long Range 54-Port Gigabit PoE+ Web Smart Switch with 6 SFP + 10 Gigabit Ports	Long Range 10-Port Gigabit PoE+ Web Smart Switch with 1 SFP Ports	Description	28-Port Gigabit SFP L2+ Managed Switch with 4 10GbE SFP+ Ports	54-Port / 28-Port Gigabit Web Smart Switch with 6 / 4 10GbE SFP+ Ports	28-Port Gigabit Web Smart Switch with 4 SFP Ports	8-Port Gigabit Web Smart Switch
Port/Module Slots			Port/Module Slots				
GbE / FE	48 x GbE	9 x GbE	GbE / FE	-	48 / 24 x GbE	24 x GbE	8 x GbE
SFP/SFP+ Slot	6 x 10GbE SFP+	1 x SFP	SFP/SFP+ Slot	24 x SFP & 4 x 10GbE SFP+	6 / 4 x 10GbE SFP+	4 x SFP	-
GbE Combo Port	-	-	GbE Combo Port	-	-	-	-
PoE Port	48	8	PoE Port	-	-	-	-
Console Port	v	-	Console Port	v	v	-	-
PoE Power Management			PoE Power Management				
IEEE 802.3af/at	v	v	IEEE 802.3af/at	-	-	-	-
Power Budget Management UI	v	v	Power Budget Management UI	-	-	-	-
PD Alive Check	v	-	PD Alive Check	-	-	-	-
Overloading Protecting	v	v	Overloading Protecting	-	-	-	-
Power Backfeed Protection	v	v	Power Backfeed Protection	-	-	-	-
Long Range PoE 200M*	v	v	Long Range PoE 200M*	-	-	-	-
Total PoE Power Budget	400W	100W	Total PoE Power Budget	-	-	-	-
Performance			Performance				
Switching Capacity/Backplane	216Gbps	20Gbps	Switching Capacity/Backplane	128Gbps	216Gbps / 128Gbps	56Gbps	16Gbps
Forwarding Rate	160.7Mpps	14.8Mpps	Forwarding Rate	95.2Mpps	160.7Mpps / 95.2Mpps	41.7Mpps	11.9Mpps
MAC Address	32K	4K	MAC Address	32K	32K / 16K	8K	4K
Jumbo Frame	12KB	9.2KB	Jumbo Frame	12KB	12KB	9KB	9KB
Packet Buffer	16Mb	1.5Mb	Packet Buffer	16Mb	16Mb / 12Mb	4.1Mb	1.5Mb
Management			Management				
Web-Based	v	v	Web-Based	v	v	v	v
Features			Features				
IEEE 802.1q VLAN	v	v	IEEE 802.1q VLAN	v	v	v	v
STP/RSTP/MSTP	v	-	STP/RSTP/MSTP	v	v	v	-
SNMP v1/v2c/v3	v	-	SNMP v1/v2c/v3	v	v	v	-
Trunking Group	8	8	Trunking Group	8	8	8	8
LACP/Static LAG	v	v	LACP/Static LAG	v	v	v	v
QoS/Priority Queues	v	v	QoS/Priority Queues	v	v	v	v
IGMP Snooping	v	v	IGMP Snooping	v	v	v	v
Storm Control	v	v	Storm Control	v	v	v	v
Port Mirroring	v	v	Port Mirroring	v	v	v	-
Loopback Detection	v	v	Loopback Detection	v	v	v	v
Access Control List (ACL)	v	-	Access Control List (ACL)	v	v	v	-
Dual Firmware	v	-	Dual Firmware	v	v	v	-
Voice VLAN	v	-	Static Route, Inter VLAN	v	-	-	-
DHCP Snooping	v	-	DHCP Snooping	v	v	v	-
LLDP, LLDP-MED	v	-	LLDP, LLDP-MED	v	v	v	-
Fan Type	4 x Fans with Intelligent Thermal Controller	Fanless	Fan Type	3 x Fans with Intelligent Thermal Controller	3 x Fans / Fanless with Intelligent Thermal Controller	Fanless	Fanless
Power Type	Internal Power	Internal Power	Power Type	Internal Power	Internal Power	Internal Power	External Power
Physical			Physical				
Dimension (LxWxH)	441x330x44mm	265x184x44mm	Dimension (LxWxH)	441x270x44mm	441x270x44mm / 441x198x44mm	440x197x44mm	155x85x26mm
Mounting Type	Rack Mount	Rack Mount	Mounting Type	Rack Mount	Rack Mount	Rack Mount	Wall Mount

\* Guaranteed PoE long distance to 200 meters.

# 性能卓越的高速 2.5G 多網速 Multi-Gigabit

需要高速網路傳輸的企業，可選用 2.5G 交換器。建構 2.5GbE 高速網路環境不須重新佈線，使用現有 1GbE 網路線即可顯著提升乙太網路的連線速度。EDIMAX 可靠的 2.5GbE L2 管理監控交換器，可輕鬆升級至穩定高速的資料傳輸，同時具備 10GbE 上行連接埠。專為系統整合商 (SI) 和專業安裝人員設計，多元的系統功能及安裝的便利性，支援802.11bt PoE++，每 PoE 埠可供高達 90W 電力，使網路設備的安裝設定變得簡單、輕鬆又安全，是經濟實惠高效的最佳方案。



PoE 供電  
實惠網路佈署



長距離網路  
連線模式



自動偵測  
PD 受電設備



網路電話  
VOIP VLAN



DHCP  
監聽



雙韌體  
即時備援



PoE 防止  
電流倒灌



New



New



New

## L2 / 智慧網管

Model No.	TGS-5428PLX	TGS-3109PLX	TGS-3109XT
Multi-Giga Ethernet			
Total Port Count	28-Port	9-Port	9-Port
Description	Surveillance VLAN 28-Port 2.5GbE L2 Managed PoE++ Switch with 4 10GbE SFP+ Ports	9-Port 2.5GbE Web Smart PoE++ Switch with 10GbE SFP+ Port	9-Port 2.5GbE Web Smart Switch with 10GbE RJ45 Port
Port/Module Slots			
GbE / FE (RJ45)	-	-	-
2.5GbE Multi-Giga (RJ45) (100M/1G/2.5G)	24 x 2.5GbE	8 x 2.5GbE	8 x 2.5GbE
10GbE Multi-Giga (RJ45) (100M/1G/2.5G/5G/10GbE)	-	-	1 x 10GbE
SFP/SFP+ Slot	4 x 10GbE SFP+	1 x 10GbE SFP+	-
PoE Ports	24	8	-
Console Port	v	-	-
PoE Power Management			
IEEE 802.3af/at/bt PoE (90W/P)	v (90W/P)	v (90W/P)	-
Power Budget Management UI	v	v	-
PD Alive Check	v	-	-
Overloading Protecting	v	v	-
Power Backfeed Protection	v	v	-
Long Range PoE 200M+*	v	v	-
Total PoE Power Budget	400W	240W	-
Performance			
Switching Capacity / Backplane	200Gbps	38Gbps	38Gbps
Forwarding Rate (Max.)	169Mpps	44.14Mpps	44.14Mpps
MAC Address	32K	4K	4K
Jumbo Frame	12K	12K	12K
Packet Buffer	16Mb	8.1Mb	8.1Mb
Management			
Web-Based	v	v	v
Features			
Surveillance VLAN Auto-Enrollment	v	-	-
IEEE802.1q VLAN	v	v	v
MSTP/RSTP/STP	v	-	-
SNMP v1/v2c/v3	v	-	-
Port Trunking	v	v	v
LACP/Static LAG	v	v	v
QoS/Priority Queues	v	v	v
IGMP Snooping	v	v	v
LLDP, LLDM-MED	v	-	-
Port Mirroring	v	v	v
Loopback Detection	v	v	v
Access Control List(ACL)	v	-	-
Dual-Firmware	v	-	-
Voice VLAN	v	-	-
DHCP Snooping	v	-	-
TACACS+, RADIUS	v	-	-
Fan Type	3 x Fans with Intelligent Thermal Controller	1 x Fan	Fanless
Power Type	Internal Power	Internal Power	External Power
Physical			
Dimension (LxWxH)	441x270x44mm	256x184x44mm	240x105x27mm
Mounting Type	Rack Mount	Rack Mount	Wall Mount

\* Guaranteed PoE long distance to 200 meters.



# 保證PoE距離傳輸距離至少200公尺

為工業用嚴苛環境與氣溫變化所設計，入門寬溫 PoE 供電非網管交換器，PoE 資料和電力傳輸距離擴展到至少 200 公尺。極具競爭力的性價比。堅固耐用，可部署於多種工業應用。

另一系列透過硬體的指撥開關 (DIP Switch)，讓非網管交換器能具有 VLAN 跟 QoS 功能，以及提升 PoE 供電距離，將 PoE 資料和電力傳輸距離擴展到至少 200 公尺。



長距離網路  
連線模式



QoS  
影像及語音優先



VLAN  
避免群播干擾



彈性PoE  
實惠網路佈署



工業級 PoE 供電非網管		
Model No.	IGS-1210P V2	IGS-1105P
Gigabit Ethernet		
Total Port Count	10-Port	5-Port
Description	Industrial 10-Port Gigabit PoE+ Din-Rail Switch with 2 SFP Ports	Industrial 5-Port Gigabit PoE+ DIN-Rail Switch with 1 SFP Port
Hardware		
GbE	8 x GbE	4 x GbE
SFP/SFP+ Port	2 x SFP	1 x SFP
PoE Port (802.3at)	8	4
Power Redundancy	v	v
P-Fail Relay	v	v
Watch Dog	v	-
PoE Power Budget	240W	120W
Housing	Metal case, IP30-rated	Metal case, IP30-rated
Operation Temperature Range	-20~70°C	-20~70°C
Performance		
Switching Capacity/Backplane	20Gbps	10Gbps
Forwarding Rate (Max.)	14.88Mpps	7.44Mpps
MAC Address	4K	2K
Jumbo Frame	9KB	9KB
Packet Buffer	1.5Mb	2Mb
Features		
IEEE 802.1p Quality of Service (QoS)	v	v
6KV Surge Protection	v	v
Port-Based VLAN	-	-
Long Range up to 200M*	v	v
Fan Type	Fanless	Fanless
Power Input/Type	48V~55VDC (Terminal Block) x2; 4- Pin DC Input	48V~55VDC (Terminal Block) x2; 4- Pin DC Input
Physical		
Dimension (HxDxW)	210x45x160.6mm	180x32x130mm
Mounting Type	DIN-Rail Mount / Wall-Moun	DIN-Rail Mount / Wall-Moun

PoE 供電非網管		
Model No.	GS-1008P V2	GS-1105PE
Gigabit Ethernet		
Total Port Count	8-Port	5-Port
Description	8-Port Gigabit PoE+ Switch with DIP Switch	5-Port Gigabit PoE+ Switch with DIP Switch
Hardware		
GbE	8 x GbE	5 x GbE
SFP/SFP+ Port	-	-
PoE Port (802.3at)	8	4
Power Redundancy	-	-
P-Fail Relay	-	-
Watch Dog	-	-
PoE Power Budget	130W	60W
Housing	Metal case	Metal case
Operation Temperature Range	0~40°C	0~40°C
Performance		
Switching Capacity/Backplane	16Gbps	10Gbps
Forwarding Rate (Max.)	14.88Mpps	7.44Mpps
MAC Address	4K	2K
Jumbo Frame	9KB	9KB
Packet Buffer	1.5Mb	1Mb
Features		
IEEE 802.1p Quality of Service (QoS)	v (DIP Switch)	v (DIP Switch)
6KV Surge Protection	-	-
Port-Based VLAN	v (DIP Switch)	v (DIP Switch)
Long Range up to 200M*	v (DIP Switch)	v (DIP Switch)
Fan Type	Fanless	Fanless
Power Input/Type	Internal Power	External Power
Physical		
Dimension (LxWxH)	265x184x44mm	121x75x26mm
Mounting Type	Rack Mount	Wall-Mount

簡易非網管		
Model No.	GS-1026 V3	GS-1024 / GS-1016 V2
Gigabit Ethernet		
Total Port Count	26-Port	24-Port / 16-Port
Description	24-Port Gigabit Switch with 2 SFP Ports	24-port / 16-Port Gigabit Switch
Port/Module Slots		
GbE	24 x GbE	24 / 16 x GbE
SFP/SFP+ Slot	2 x SFP	-
Performance		
Switching Capacity/Backplane	52Gbps	48Gbps / 32Gbps
Forwarding Rate (Max.)	38.6Mpps	35.7Mpps / 23.8Mpps
MAC Address	8K	8K
Jumbo Frame	10KB	10KB
Packet Buffer	4.1Mb	4.1Mb
Features		
IEEE 802.3az Energy Efficient Ethernet	v	v
Fan Type	Fanless	Fanless
Power Type	Internal Power	Internal Power
Physical		
Dimensions(LxWxH)	441x131x44mm	268x160x42mm 215x133x42mm
Mounting Type	Rack Mount	Rack Mount / Wall Mount

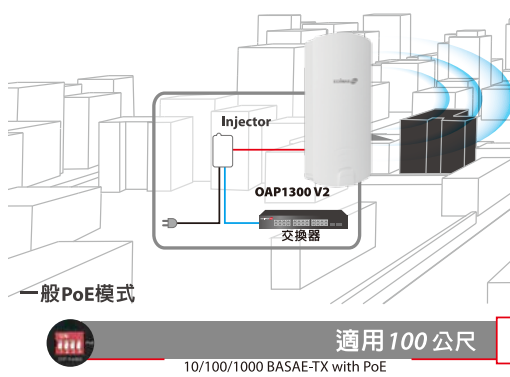
配件		
Model No.	GP-203IT	GP-101IT
PoE Injector		
Description	802.3bt 2.5GbE PoE++ up to 90W	802.3at Gigabit PoE+ up to 30W

配件		
Model No.	GP-101ST	MG-10G / MG-1000 Series
PoE Splitter / SFP Transceiver		
Description	802.3at Gigabit PoE+ Splitter	10GbE or 1GbE SFP+/SFP Modules

## 監控業長距離解決方案

### 無線網路長距離解決方案

傳輸距離高達 **3公里**



PoE 延長模式

適用 **200 公尺**

10BASE-TX UTP with PoE

PoE 網路攝影機  
PoE 無線基地台

### 有線網路長距離PoE+解決方案

延長距離高達 **200公尺**

PoE 網路攝影機  
PoE 網路攝影機

長距離 PoE+ DIP 網路交換器

工業級長距離 PoE+ 網路交換器



# 高密度無線網路用戶的最佳選擇

EDIMAX Pro 無線基地台系列產品包含多項產品選擇，由室內至室外可滿足中小型企業對於高效能無線網路環境的需求，擁有超高速傑出性能的優質解決方案，無線傳輸技術兼具性能和品質，同時結合人性化的操作介面，多樣而完整的功能及易於安裝的設計，是建構要求嚴謹之企業日常運營網路環境的理想解決方案。



高速有效率



覆蓋範圍廣



連線可靠穩定



高密度使用



安全無線連結



免費彈性管理



無線基地台						
Model No.	CAX1800	CAP1300	CAP300	IAP1200	OAP1300	OAP1300 V2
	Ceiling Mount			In-Wall	Outdoor Pole-Mount, Wall-Mount	
Description	2x2 AX Dual-Band Ceiling Mount PoE	2x2 AC Wave 2 Dual-Band Ceiling Mount PoE	2x2 N Ceiling Mount PoE	2x2 AC Dual-Band In-Wall PoE	2x2 AC Wave 2 Dual-Band Outdoor PoE	2x2 AC Wave 2 Dual-Band Outdoor PoE
Wi-Fi Standards	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac	802.11b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Antenna	Type: 2 x Built-In PIFA (2 Dual-Band) Gain: 2.2dBi (2.4GHz), 2.9dBi (5GHz)	Type: 4 x Built-In PIFA (2 x 2.4GHz, 2 x 5GHz) Gain: 4dBi (2.4GHz), 5dBi (5GHz)	Type: 2 x Built-In PIFA Gain: 2.82dBi	Type: 2 x Built-In PIFA (2 x Dual-Band) Gain: 2.14dBi (2.4GHz), 3.8dBi (5GHz)	Type: 2 x External Gain: 3.9dBi (2.4GHz), 4.4dBi (5GHz)	Type: Built-in 2 x Omni (2.4GHz); 2 x Directional (5GHz) Gain: 5.6dBi (2.4GHz), 14dBi (5GHz)
Maximum Theoretical Throughput	5GHz: 1201Mbps 2.4GHz: 574Mbps	5GHz: 867Mbps 2.4GHz: 400Mbps	2.4GHz: 300Mbps	5GHz: 867Mbps 2.4GHz: 300Mbps	5GHz: 867Mbps 2.4GHz: 400Mbps	5GHz: 867Mbps 2.4GHz: 400Mbps
LAN Interface	GbE x 1	GbE x 2	GbE x 1	GbE x 2	GbE x 2	GbE x 2
Power Input	PoE 802.3at/af; DC12V/1A	PoE 802.3at/af; DC12V/1A	PoE 802.3at/af; DC12V/1A	PoE 802.3at/af	Power In: PoE 802.3at PoE Out: 802.3af	Power In: PoE 802.3at PoE Out: 802.3af
Power Consumption (Max.)	12W	11W	6.5W	8W	15W	15W
No. of SSID	16+16	16+16	16	16+16	16+16	16+16
Concurrent Clients	2.4GHz:100; 5GHz:100	2.4GHz:100; 5GHz:100	2.4GHz:50	2.4GHz:50; 5GHz:50	2.4GHz:100; 5GHz:100	2.4GHz:100; 5GHz:100
802.11 r /k Roaming	v	v	-	-	v	v
Beamforming / AirTime Fairness	v	v	-	-	v	v
Mode	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode: Be managed by CAX/CAP/WAP series /OAP1300 · Master AP with NMS & APC500	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode: Be managed by CAX/CAP/WAP series /OAP1300 · Master AP with NMS & APC500	· Standalone AP mode · Master AP mode: Manage 8 APs · Managed AP mode: Be managed by CAX/CAP/WAP series /OAP1300 · Master AP with NMS & APC500	· Standalone AP mode · Managed AP mode: Be managed by CAX/CAP/WAP series /OAP1300 · Master AP with NMS & APC500 · For hotel / apartment building deployment	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode: Be managed by CAX/CAP/WAP series /OAP1300 · Master AP with NMS & APC500	· Standalone AP mode · Client Bridge mode

## 無線基地台管理選項



型號品名	APC500 (無線基地台控制器)	內建NMS中央管理系統
適用	中小企業	小型專案及辦公室
特點	<ul style="list-style-type: none"> <li>· 管理高達200台 EDIMAX Pro 無線基地台</li> <li>· 單機獨立機盒</li> <li>· 中央管理及遠端管理</li> <li>· 支援千兆網路孔及 USB3.0 端口</li> <li>· 內建用戶帳號認證伺服器 (Radius Server)</li> </ul>	<ul style="list-style-type: none"> <li>· 管理高達8或16台 EDIMAX Pro 無線基地台 (一台主機管理其他基地台)</li> <li>· 免費軟體, 內建於 CAX/CAP/WAP 系列及 OAP1300 基地台</li> <li>· 支援AP array 架構, 可中央管理群組無線基地台</li> <li>· 內建用戶帳號認證伺服器 (Radius Server), 不需要額外的伺服器或者硬體控制器</li> </ul>
適用機種	可管理所有 EDIMAX Pro 系列的無線基地台 (PrimeAX 1-2-3 及 Office 1-2-3 系列除外)	內建於 CAX/CAP/WAP 系列及 OAP1300 基地台 可管理所有 EDIMAX Pro 系列的無線基地台 (PrimeAX 1-2-3 及 Office 1-2-3 系列除外)

# 安全無慮一機到位

多功能合一的防火牆，一台抵多台，在內部網路與外部網路之間建立一道牆，做為屏障管制進出流量的安全設備，有可自定義的網路傳輸埠、SPI 防火牆、PBR策略路由、即時備援和負載平衡。支援多種 VPN、5G/4G/3G 行動網卡，降低資安成本。內建 SPI 防火牆和PBR路由提升安全性，Multi-WAN Load Balance 確保流量平均分配，防止線路壅塞。內含 IPSec、PPTP、L2TP、SSL、Open 五種 VPN 協議，提供高速、高穩定的 VPN 連線，讓您輕鬆打造強固、高效的企業網路。



多合一功能  
一機到位



SPI  
防火牆



PBR  
策略路由



自定義  
網路介面



多線路  
負載平衡

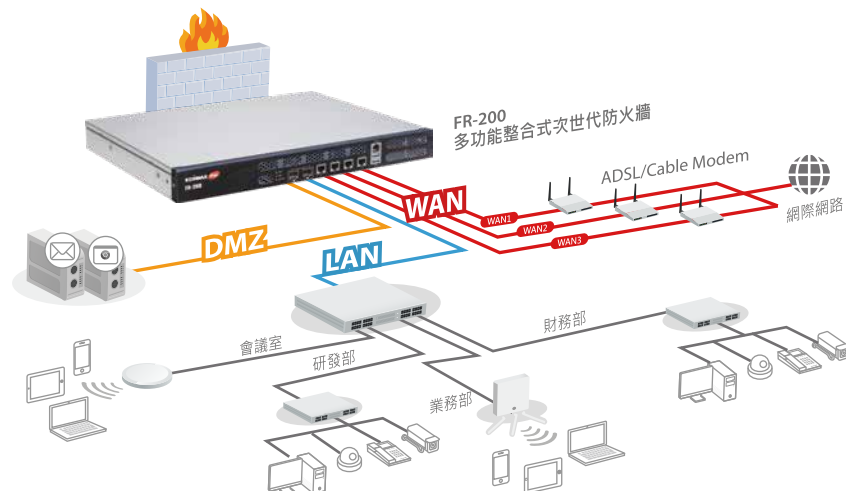


全方位  
VPN

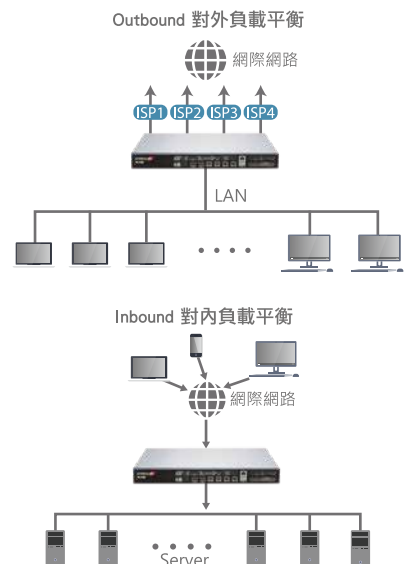


NGFW 次世代防火牆		FR-200	FR-100
Model No.		FR-200	FR-100
		SD-WAN Firewall	
Total Port Count		6-Port	5-Port
Description		多功能整合式次世代防火牆	
Port/Module Slots			
GbE RJ45		4 x GbE	5 x GbE
SFP/SFP+		2 x 10GbE SFP+	-
USB (4G/5G 行動網路卡使用)		2 x USB 3.0	1 x USB 3.0
Console Port		v	v
Management			
Web-Based		v	v
Features			
PBR 策略路由器		v	v
SPI 防火牆 / 內部防火牆		v	v
網際網路通訊協定 IPV6		v	v
OTP 動態密碼		v	v
網路應用程式管制		v	v
檔案上傳 / 下載管制		v	v
In / Outbound 負載平衡		v	v
QoS		v	v
VLAN / VLAN Trunking		v	v
VPN			
	固定式 IPSec/PPTP VPN	v	v
	移動式 SSL/L2TP/Open VPN	v	v
	VPN Trunking, Load Balance	v	v
	VPN Tracking, VLAN 管控	v	v
自定義網路介面(DMZ/WAN/LAN)		v	v
Fan Type		4 x Fans	Fanless
Power Type		Internal Power	External Power
Physical			
Dimension (LxWxH)		441x320x44mm	150x215x40mm
Mounting Type		Rack Mount	Desktop

## 彈性靈活 精確控管



## 多線路負載平衡不壅塞



# 工業 4.0 物聯網 IIoT 設備整合專用無線配件

多國認證、品質穩定、支援多系統 (Windows, Linux)、快速整合、減少研發成本

嵌入式無線網卡	工業級 Wi-Fi 5 11ac	Wi-Fi 6 11ax	Wi-Fi 5 11ac			
	IEW-7811UTC	EW-7822UMX	EW-7822ULC			
						
規格						
最高傳輸速率	433Mbps + 200Mbps	1201Mbps + 573Mbps	867Mbps + 300Mbps			
頻段	雙頻 5GHz 或 2.4GHz	雙頻 5GHz 或 2.4GHz	雙頻 5GHz 或 2.4GHz			
天線	內建	2 X 內建	2 X 內建			
	PIFA 2.4GHz: 1.8dBi 5GHz: 2.5dBi	Dipole 2.4GHz: 3.6 and 3.1dBi 5GHz: 4.5 and 5.6dBi	Monopole 2.4GHz: 1.81 and 0.36dBi 5GHz: 1.71 and -0.23dBi			
介面	USB 2.0	USB 3.2 Gen 1x1*	USB 2.0			
認證						
說明	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•工作溫度: -20~75°C (-4~167°F)</li> </ul>	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•IC (Canada)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> </ul>	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•IC (Canada)</li> <li>•MIC/VCCI (Japan)</li> <li>•IMDA (Singapore)</li> <li>•NBTC (Thailand)</li> <li>•WPC (India)</li> <li>•NTC (Philippines)</li> <li>•Exemption Letter (Vietnam)</li> <li>•SIRIM (Malaysia)</li> </ul>	<ul style="list-style-type: none"> <li>•SRRC (China)</li> <li>•OFCA (Hong Kong)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> <li>•CITC (Saudi Arabia)</li> <li>•RCM (Australia &amp; New Zealand)</li> <li>•Anatel (Brazil)</li> <li>•SUBTEL (Chile)</li> <li>•CRC (Colombia)</li> </ul>	<ul style="list-style-type: none"> <li>•ENACOM (Argentina)</li> <li>•TRA (Bahrain)</li> <li>•CITRA (Kuwait)</li> <li>•TRA (Oman)</li> <li>•CRA (Qatar)</li> <li>•ICASA (South Africa)</li> <li>•UA RED DoC (Ukraine)</li> <li>•URSEC (Uruguay)</li> <li>•KC (South Korea)</li> <li>•IFETEL/NOM (Mexico)</li> </ul>	<ul style="list-style-type: none"> <li>•SDPPI (Indonesia)</li> <li>•MOC (Israel)</li> <li>•TDRA (United Arab Emirates)</li> </ul>

嵌入式無線網卡	Wi-Fi 5 11ac		Wi-Fi 4 11n	Wi-Fi 6 & 藍牙	Wi-Fi 4 & 藍牙	藍牙
	EW-7822UAD	EW-7811ULC	EW-7811Un V2	EW-7833AXP	EW-7611ULB V2	BT-8500
						
規格						
最高傳輸速率	867Mbps + 300Mbps	433Mbps + 200Mbps	150Mbps	Wi-Fi: 2402Mbps + 573Mbps BLE: 2Mbps	Wi-Fi: 150Mbps BLE: 1Mbps	3Mbps (Classic BR/EDR) & 2Mbps (BLE)
頻段	雙頻 5GHz 或 2.4GHz	雙頻 5GHz 或 2.4GHz	2.4GHz	雙頻 5GHz 或 2.4GHz + 藍牙5.0	2.4GHz + 藍牙 4.2	藍牙 5.0
天線	2 X 內建	內建	內建	2 X 外接	內建	內建
	Dipole 2.4GHz: 1.32 and 2.09dBi 5GHz: 2.8 and 4.37dBi	PIFA 2.4GHz: 0.98dBi 5GHz: 3.93dBi	PIFA 2.4GHz: -4dBi	Dipole 2.4GHz: 3.15dBi 5GHz: 3.76dBi	PIFA 2.4GHz: 1.6dBi	PIFA 2.4GHz: -1.2dBi
介面	USB 3.2 Gen 1x1*	USB 2.0	USB 2.0	PCIe x1, USB (F_USB)	USB 2.0	USB 2.0
認證						
說明	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> </ul>	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> </ul>	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•IC (Canada)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> </ul>	<ul style="list-style-type: none"> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•IC (Canada)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> </ul>	<ul style="list-style-type: none"> <li>•BQB (Bluetooth)</li> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•IC (Canada)</li> </ul>	<ul style="list-style-type: none"> <li>•BQB (Bluetooth)</li> <li>•CE (European Union)</li> <li>•FCC (U.S)</li> <li>•IC (Canada)</li> <li>•NCC (Taiwan)</li> <li>•BSMI (Taiwan)</li> </ul>

\*USB 3.0/USB 3.1 Gen 1 已由 USB-IF 重新命名為 USB 3.2 Gen 1。

※ 此文件所記載產品之規格、功能或外觀等資訊，可能因產品改良而變更，以實際銷售產品為主，恕不另行通知。