EDIMAX Pro

2016

Enterprise Wi-Fi Networking Solution

Built For Heavy Use

www.edimax.com

EDIMAX Pro

The Edimax Pro series is a range of high performance, reliable and affordable Wi-Fi solutions for modern businesses. Performance, functionality and usability designed for day-to-day enterprise environments – with leading 11ac Wave 2 and 10GbE technology, powerful security, flexible deployment and management options for company MIS departments. Suited for SMB environments including offices, hotels, meeting rooms, schools, campuses, hospitals, retail stores, cafes and others where performance and security are critical for your business.

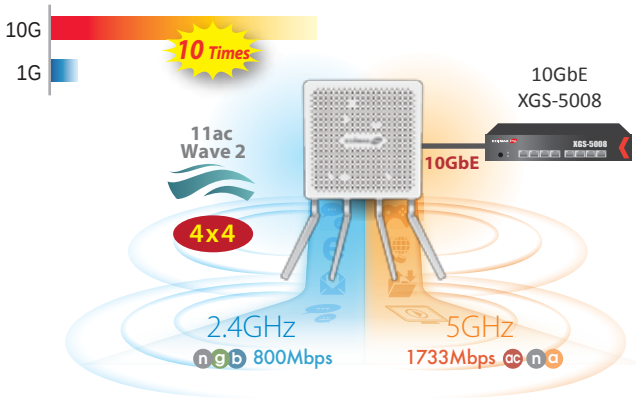
reddot design award winner 2015

TAIWAN EXCELLENCE 2016

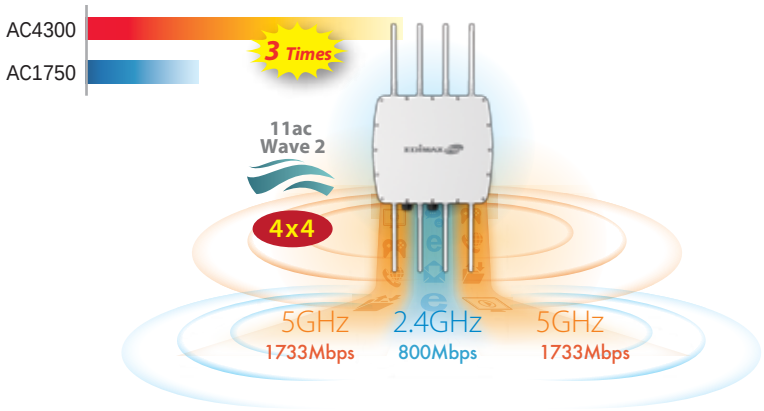
High Density and High Performance with 11ac Wave 2 and 10 Gigabit Ethernet Access Point

Featuring IEEE 802.11ac Wave 1/Wave 2 wireless technology and 1GbE/10GbE ports for today's connectivity demands such as Bring Your Own Everything (BYOE). Wave 2 has expanded Wi-Fi speeds with more channel width (80+80MHz) and spatial stream (4x4:4) of Wave 1 making it even faster and more capable of offering high performance connectivity, with MU-MIMO (Multi-User MIMO) to improve data transmit times and increase capacity by allowing APs to reach multiple clients simultaneously. Offering 1GbE or 10GbE Ethernet speeds and up to 4300Mbps Wi-Fi in tri-band with 11ac Wave 2, Edimax Pro APs are ideal for Very High-Density (VHD) BYOE environments and even the most bandwidth-intensive tasks such as audio, video and voice applications.

1st **WAP2600X**
Indoor 10GbE LAN Port

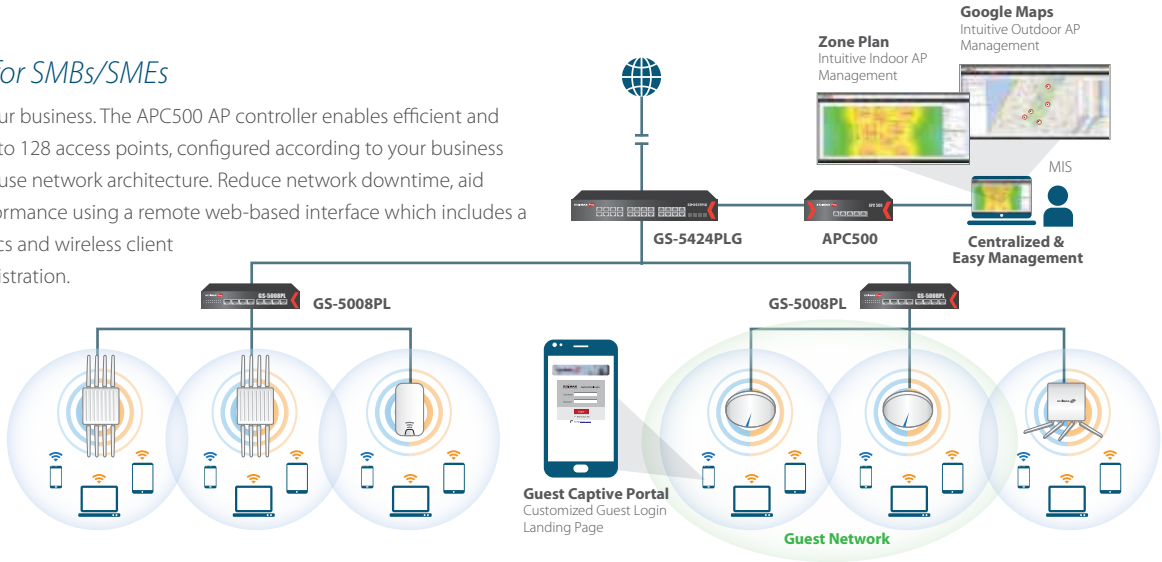


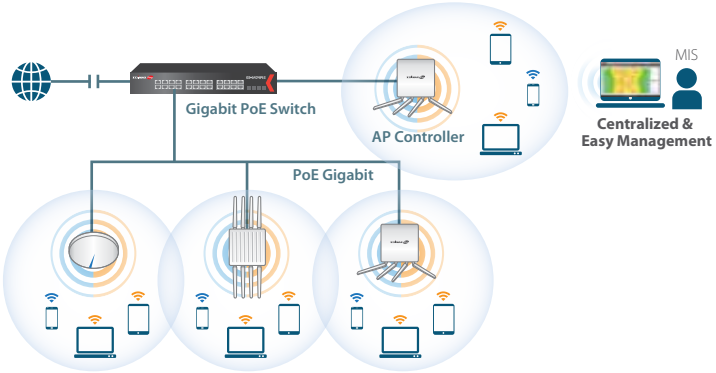
1st **OAP4300**
Outdoor Tri-Band AC4300



Dedicated AP Controller for SMBs/SMEs

Scale your network according to your business. The APC500 AP controller enables efficient and remote central management of up to 128 access points, configured according to your business needs to create a powerful, easy to use network architecture. Reduce network downtime, aid troubleshooting and optimize performance using a remote web-based interface which includes a dashboard, map view, traffic statistics and wireless client list for network-wide remote administration.



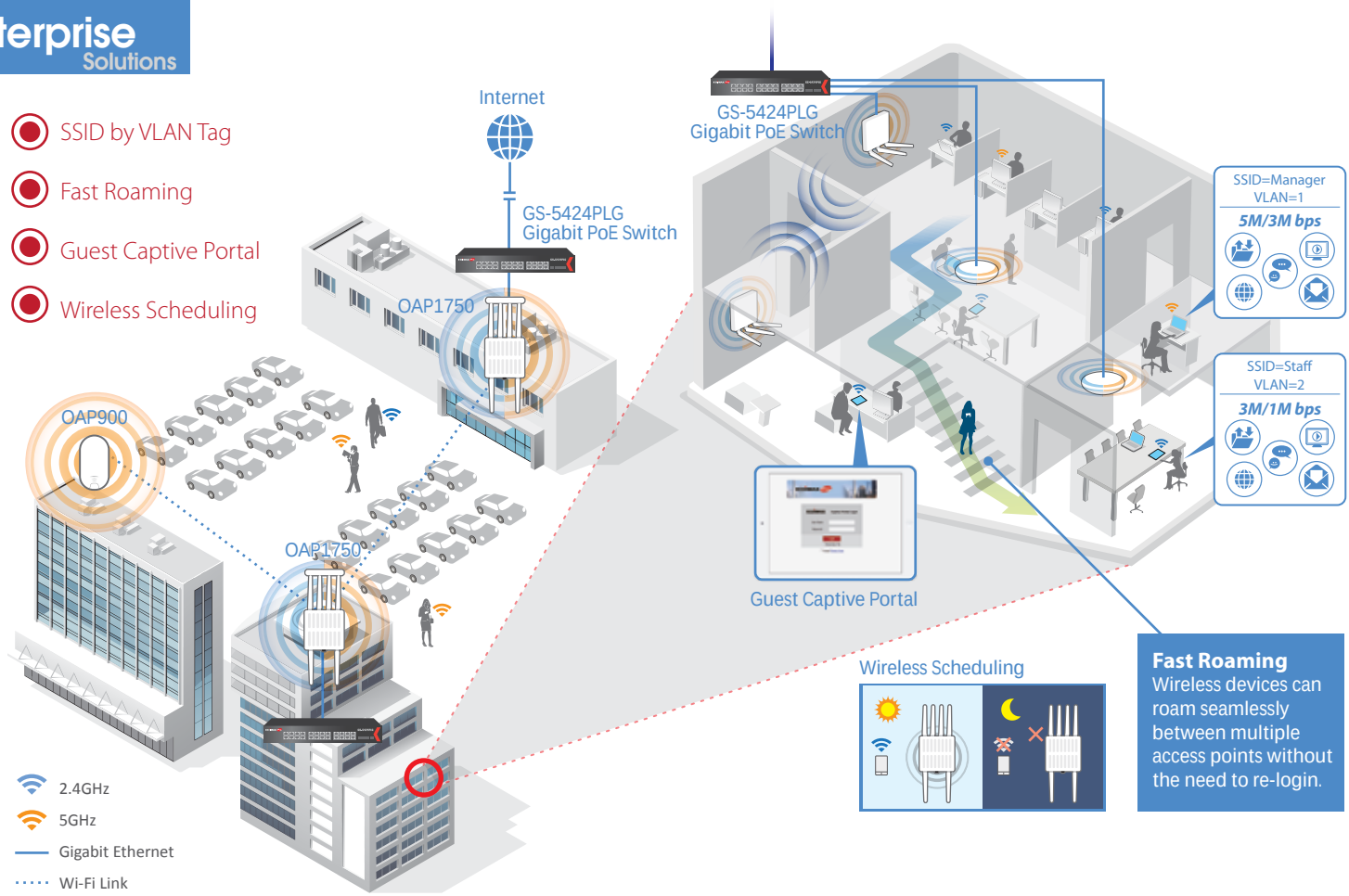


Built-in Network Management Suite (NMS) for Small Offices

Edimax Pro series access points include the free Edimax Pro Network Management Suite (NMS) to support an AP array architecture, which enables the central management of a group of access points. NMS can be installed on one access point and support up to 8/16 Edimax Pro access points with no additional wireless controller required, reducing costs and facilitating efficient remote AP management. Access points can be deployed and configured according to requirements, creating a powerful network architecture which can be easily managed and expanded in the future, with an easy to use interface and a full range of functionality for network administrators.

Enterprise Solutions

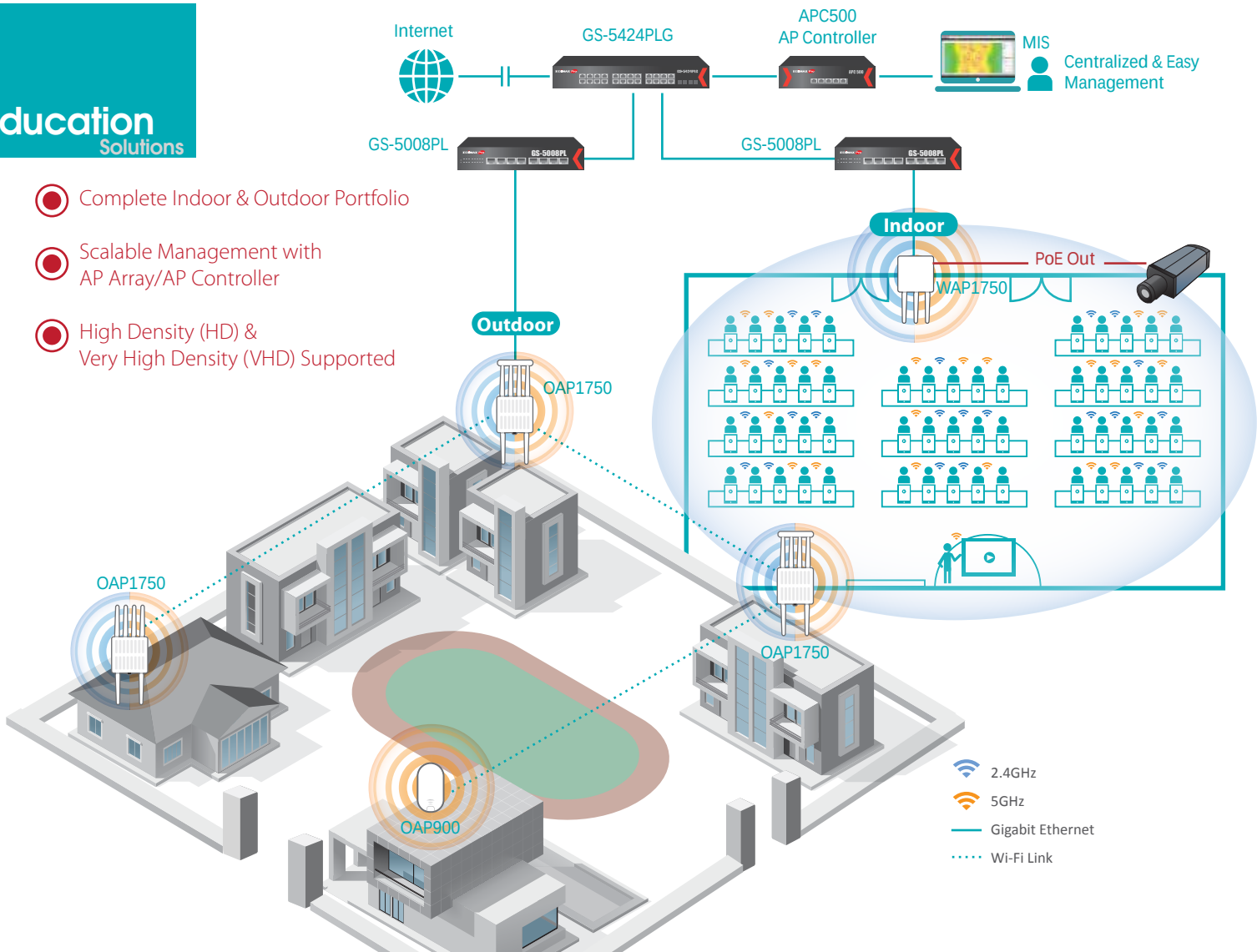
- SSID by VLAN Tag
- Fast Roaming
- Guest Captive Portal
- Wireless Scheduling



Fast Roaming
Wireless devices can roam seamlessly between multiple access points without the need to re-login.

Education Solutions

- Complete Indoor & Outdoor Portfolio
- Scalable Management with AP Array/AP Controller
- High Density (HD) & Very High Density (VHD) Supported



Hospitality Solutions

Hotel | Hospital | Restaurant | Retail/ Shopping Mall | Exhibition Booth/ Road Show

- SSID Bandwidth Management
- Guest Portal/Network
- Hotspot Dynamic Accounts

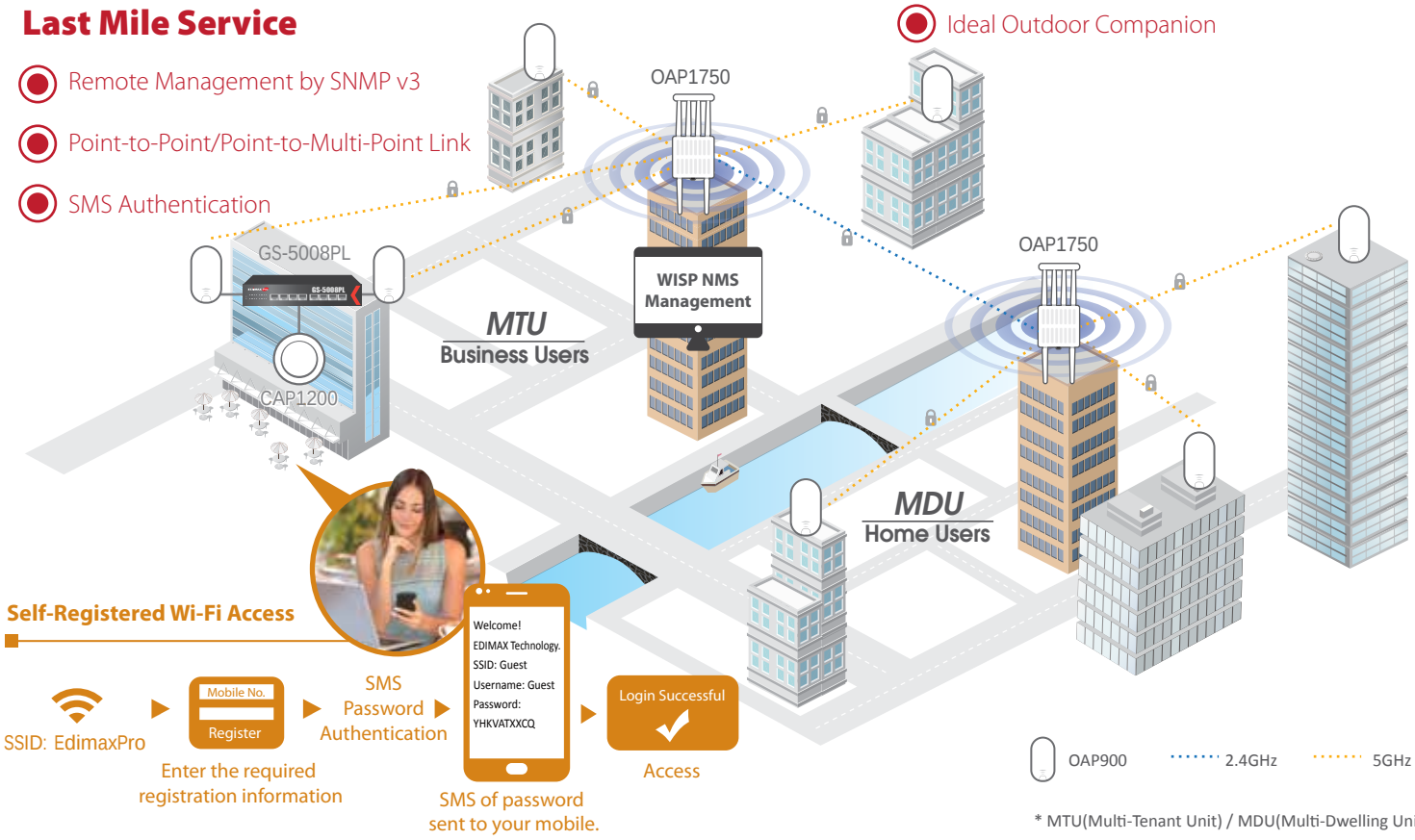
WISP Solutions

Backbone Service

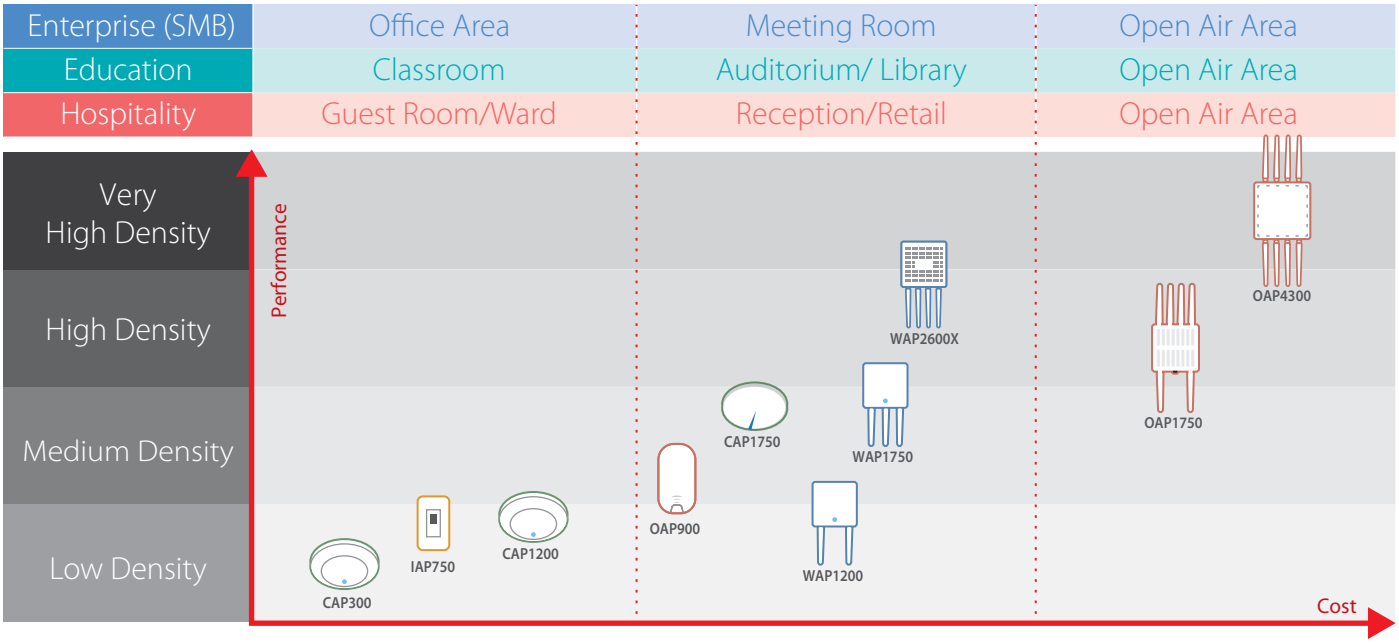
- Long Range Support up to 3KM+
- Cost-Effective Solution v.s. Wired Deployment
- Ideal Outdoor Companion

Last Mile Service

- Remote Management by SNMP v3
- Point-to-Point/Point-to-Multi-Point Link
- SMS Authentication



* MTU(Multi-Tenant Unit) / MDU(Multi-Dwelling Unit)



Ceiling-Mount AP

HOT

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TAIWAN EXCELLENCE 2016

CAP1750

- 3T3R, 450Mbps+1300Mbps
- 802.3at PoE Supported
- UL94-5VB Flammability Rating

ICT Month Innovative Elite 2014 Golden Awards

TAIWAN EXCELLENCE 2014

CAP1200

- 2T2R, 300Mbps+867Mbps
- 802.3af PoE Supported
- UL94-5VB Flammability Rating

CAP300

- 2T2R, 300Mbps
- 802.3af PoE Supported
- UL94-5VB Flammability Rating

In-Wall AP

Coming Soon

IAP750

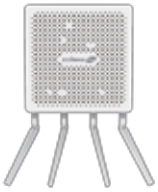
- 300Mbps+433Mbps
- 802.3af PoE Supported
- 1 x Giga, 1 x RJ11

Wall-Mount AP

Coming Soon

11ac Wave 2

10GbE



WAP2600X

- 4T4R, 800Mbps+1733Mbps
- MU-MIMO 4x4:4
- 1 x 10GbE
- Passive PoE Supported

HOT

WAP1750

- 3T3R, 450Mbps+1300Mbps
- 802.3at PoE Supported (PoE Out 802.3af)
- Optional Security Cover (SC1000)

WAP1200

- 2T2R, 300Mbps+867Mbps
- 802.3at PoE Supported
- Optional Security Cover (SC1000)

Outdoor AP

Coming Soon

11ac Wave 2

OAP4300

- 4T4R, 800Mbps+ 2x1733Mbps, Tri-Band
- MU-MIMO 4x4:4
- Passive PoE Supported
- IP67 Weatherproof

HOT

OAP1750

- 3T3R, 450Mbps+1300Mbps
- 802.3at PoE Supported
- IP67 Weatherproof

HOT

OAP900

- 2T2R, 900Mbps
- Passive PoE Supported
- IP65 Weatherproof

AP Controller

HOT

APC500

- Manages up to 128 Edimax Pro APs
- Built-in RADIUS (AAA) for User & Guest Accounts
- Batch Setup/Configuration

Web-Smart Switch

GS-5424PLG

- 24 x Giga, 4 x Mini-GBIC/SFP Slots
- 802.3af/at PoE Supported
- 48V DC with 30W Output Per Port (400W Total Power Budget)

HOT

GS-5008PL

- 8 x Giga
- 802.3af/at PoE Supported
- 48V DC with 30W Output Per Port (150W Total Power Budget)

Coming Soon

10GbE

XGS-5008

- 8 x 10 Giga
- External Power Adapter
- 160 Gbs Switching Capability

◎ Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

EDIMAX Pro

Wall-Mount AP >

Coming Soon

HOT

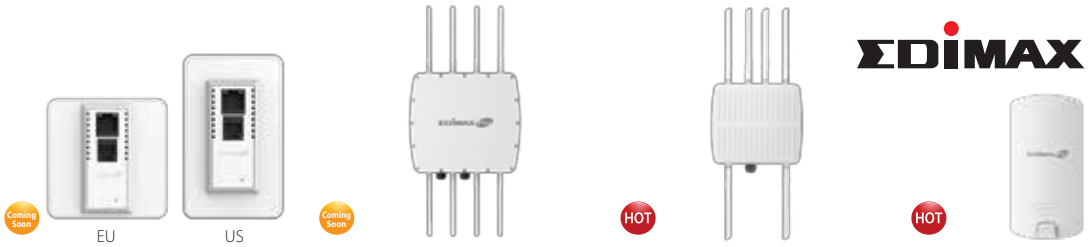
Model		WAP2600X	WAP1750	WAP1200
Description		4x4 AC Dual-Band Wall Mount PoE	3x3 AC Dual-Band Wall Mount PoE	2x2 AC Dual-Band Wall Mount PoE
Segment		High	High	Middle
Hardware				
LAN Interface		10 Giga x 1, Giga x 2	Giga x 2	Giga x 2
USB		USB 3.0 x 1	-	-
PoE		Passive PoE	802.3at(In)/802.3af(Out) 10W	802.3at
Antenna		Type: 4 x External Gain: 2 dBi (2.4 GHz), 2 dBi (5 GHz)	Type: 3 x External Gain: 2 dBi (2.4 GHz), 2 dBi (5 GHz)	Type: 2 x External Gain: 2 dBi (2.4 GHz), 2 dBi (5 GHz)
Dimension (LxWxH)		215 x 215 x 48 mm	183 x 183 x 36 mm	183 x 183 x 36 mm
Power Consumption (Full Loading)	Power Adapter	12V, 4A (TBD)	12V, 4A	12V, 4A
	PoE	32W	15W (Exclude PoE-Out)	12W
Wireless				
No. of Radio		2	2	2
Number of SSID (2.4G+5G)		16+16	16+16	16+16
Performance				
Maximum Data Speed		800+1733Mbps	450+1300Mbps	300+867Mbps
Concurrent Clients		TBD	Up to 50 Per Radio	Up to 50 Per Radio
Security				
Encryption		WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2
Rogue AP Detection (w/NMS)		v	v	v
Software				
802.1q VLAN		v (VID=1-4095)	v (VID=1-4095)	v(VID=1-4095)
Spaning Tree		RSTP	RSTP	RSTP
Management				
Deployment		Standalone: AP mode Master AP mode: Can manage 16+ Edimax Pro APs Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Standalone: AP mode Master AP mode: Can manage 16 Edimax Pro APs Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Standalone: AP mode Master AP mode: Can manage 16 Edimax Pro APs Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP
Configuration		Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)
Radius Server		Built-in	Built-in	Built-in
Auto-Channel		v	v	v
Private MIB		v	v	v

Ceiling-Mount AP >

HOT

Model		CAP1750	CAP1200	CAP300
Description		3x3 AC Dual-Band Ceiling Mount PoE	2x2 AC Dual-Band Ceiling Mount PoE	2x2 N Ceiling Mount PoE
Segment		High	Middle	Entry
Hardware				
LAN Interface		Giga x 1	Giga x 1	Giga x 1
USB		USB 2.0 x 1 (Optional Ethernet Adapter for 2nd LAN)	-	-
PoE		802.3at	802.3af (Support 802.3at)	802.3af (Support 802.3at)
Antenna		Type: 6 x Built-in PIFA (3 x 2.4 GHz, 3 x 5 GHz) Gain: 4.38 dBi (2.4 GHz) 5.34 dBi (5 GHz) max.	Type: 4 x Built-in PIFA (2 x 2.4 GHz, 2 x 5 GHz) Gain: 2.82 dBi (2.4 GHz) 4 dBi (5 GHz) max.	Type: 2 x Built-in PIFA Gain: 2.82dBi max.
Dimension (LxWxH)		208(D) x 31.5(H) mm	176(D) x 32(H) mm	176(D) x 32(H) mm
Power Consumption (Full Loading)	Power Adapter	12V, 2A	12V, 1A	12V, 1A
	PoE	15W; 19.2W (With USB)	11W	6.5W
Wireless				
No. of Radio		2	2	1
Number of SSID (2.4G+5G)		16+16	16+16	16+0
Performance				
Maximum Data Speed		450+1300Mbps	300+867Mbps	300Mbps
Concurrent Clients		Up to 50 Per Radio	Up to 50 Per Radio	Up to 50 Per Radio
Security				
Encryption		WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2
Rogue AP Detection (w/NMS)		v	v	v
Software				
802.1q VLAN		v (VID=1-4095)	v (VID=1-4095)	v (VID=1-4095)
Spaning Tree		RSTP	RSTP	RSTP
Management				
Deployment		Standalone: AP mode Master AP mode: Can manage 16 Edimax Pro APs Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Standalone: AP mode Master AP mode: Can manage 8 Edimax Pro APs Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Standalone: AP mode Master AP mode: Can manage 8 Edimax Pro APs Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP
Configuration		Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)
Radius Server		Built-in	Built-in	Built-in
Auto-Channel		v	v	v
Private MIB		v	v	v

In-Wall & Outdoor AP >



Model		IAP750	OAP4300	OAP1750	OAP900
Description		AC750 Dual-Band In-Wall PoE	4x4 AC Tri-Band Outdoor PoE	3x3 AC Dual-Band Outdoor PoE	2x2 AC Outdoor PoE
Segment		Middle	BaseStation	BaseStation	CPE/AP
Hardware					
LAN Interface		Giga x 1, RJ11 x 1	Giga x 2	Giga x 1	Giga x 2
USB		-	-	-	-
PoE		802.3af (Support 802.3at)	Passive PoE	802.3at	(LAN1)Passive PoE in (LAN2)Passive PoE out
Antenna		Type: 2 x Built-in PIFA	Type: 8 x External	Type: 6 x External	Type: Internal Patch Antenna SMA Connector x 2 for External Antennas
		Gain: 2.14 dBi (2.4 GHz), 3.8 dBi (5 GHz)	Gain: 5 dBi (2.4 GHz), 7 dBi (5 GHz)	Gain: 4 dBi (2.4 GHz), 6 dBi (5 GHz)	Gain: 15 dBi (5 GHz)
Dimension (LxWxH)		TBD	279(H) x 286(W) x 77(L) mm	260(H) x 250(W) x 95(L) mm	271.8(H) x 120.9(W) x 35(L) mm
Power Consumption (Full Loading)	Power Adapter	-	TBD	-	-
	PoE	8W	-	22W	10.6W (Passive PoE)
Wireless					
No. of Radio		2	3	2	1
Number of SSID (2.4G+5G)		16+16	16+16+16	16+16	0+16
Performance					
Maximum Data Speed		300+433Mbps	800+1733+1733Mbps	450+1300Mbps	900Mbps
Concurrent Clients		TBD	TBD	Up to 50 Per Radio	Up to 50 Per Radio
Security					
Encryption		WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2
Rogue AP Detection (w/NMS)		v	v	v	v
Software					
802.1q VLAN		v (VID=1-4095)	v (VID=1-4095)	v (VID=1-4095)	v (VID=1-4095)
Spaning Tree		RSTP	RSTP	RSTP	RSTP
Management					
Deployment		Standalone: AP mode	Standalone: AP mode	Standalone: AP mode	Standalone: AP mode
		Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP	Managed AP mode: Be managed by Edimax Pro AP Controller (APC500) or Edimax Pro Master AP
Configuration		Http/Https	Http/Https	Http/Https	Http/Https
		SNMP v1, v2c, v3	SNMP v1, v2c, v3	SNMP v1, v2c, v3	SNMP v1, v2c, v3
		CLI (Telnet,SSH)	CLI (Telnet,SSH)	CLI (Telnet,SSH)	CLI (Telnet,SSH)
Radius Server		Built-in	Built-in	Built-in	Built-in
Auto-Channel		v	v	v	v
Private MIB		v	v	v	v

Switch >

Model	GS-5424PLG	GS-5008PL	XGS-5008
Description	24-Port Gigabit PoE+ with 4 SFP Slots Web Smart Switch	8-Port Gigabit PoE+ Web Smart Switch	8-Port 10GbE Web Smart Switch
Port/Module Slots			
10/100/1000Base-T	24	8	-
1000Base-X(SFP)	4	-	-
1000Base Combo RJ-45/SFP	-	-	-
10G Base-T	-	-	8
PoE Port	24	8	-
PoE Power Management			
IEEE 802.3af PoE (15.4W/P)	v	v	-
IEEE 802.3at PoE (30W/P)	v	v	-
Power Budget Management UI	v	v	-
PD Power On/Off Control	v	v	-
PD Classification	v	v	-
Overloading Protecting	v	v	-
Power Consumption without PD Connection	36W	12W	-
Total Power Budget	400W	150W	-
Performance			
Packet Buffer, Bytes	500K	144K	2M byte
MAC Address	8K	4K	16K
Jumbo Frame, Bytes	9.6K	9.6K	9.6K
Management			
Web-Based	v	v	v
Features			
IEEE802.1q VLAN	140	16	8
IEEE802.1d/w STP	-	-	-
IEEE802.3az Energy Efficient Ethernet	-	v	v
Port-Based/Tag-Based VLAN	v	v	- / v
Trunking Group	8	1	v
LACP	v	v	-
QoS	-	v	v
Priority Queues	8	4	8
IGMP Snooping	v	v	v
Storm Control	v	v	v
Port Mirroring	v	v	-
Loopback Detection	v	v	v
Fan-Less	-	v	-
Power Type	Internal Power	Internal Power	External Power
Physical			
Dimension (LxWxH)	441 x 310 x 44 mm	265 x 184 x 44 mm	210 x 160 x 44 mm
Mounting	v	v	v

AP Controller & NMS >

HOT

Model	APC500	NMS (CAP/WAP)
H/W	Standalone	AP
License	FREE	FREE
Segment	Middle	Entry
Management		
Managed Edimax Pro AP #	1 - 128	1 - 8/16
Managed IP Device	v	v
Traffic Satistics	Network Traffic/CPU Loading/Memory Usage	Network Traffic/CPU Loading/Memory Usage
Guest Log	v	v
Multiple Firmware Upgrade	v	v
Deployment		
L2 Auto-Discovery	v	v
AP Planning	v	v
Locate AP (Buzzer/LED)	v	v
WDS between APs	v	v
Google Map Support	v	v
Radio Resource Management		
Client RSSI Threshold	v	v
Dynamic Channel Selection	v	v
Auto Pilot (Auto Channel/Power)	v	v
Security		
MAC Filtering	v	v
Blocking Intra-BSS Traffic	v	v
Rogue AP Detection	v	v
Wireless L2 Isolation	v	v
Access control		
Captive Portal (Internal & External)	v	v
Guest Account	v	v
RADIUS Authentication	v	v
RADIUS Accounting	v	v
Wireless QoS		
AP Load Balancing	v	v
WLAN Station Bandwidth Limiting (Per-SSID)	v	v
Diagnostic Tool		
Ping/Trace Route	v	v
High Availability		
Primary/Secondary Controller Support	v	v
Software Functions Items		
Active AP	128	8/16
AP Groups	32	8/16
WLAN SSIDs	150	50
WLAN Groups	32	8/16
RADIUS Accounts	512	256
RADIUS Groups	32	8/16
Access Control (White-Black List)	512	50
Access Control Groups	32	8/16
Guest Newtork SSIDs	100	8/16
Guest Network Groups	32	50
Schedule	100	8/16
Schedule Groups	32	8/16
Guest Portal-Guest Accounts	512	512
Guest Portal-Guest Groups	8	- /8
Guest Portal-Profile	1	- /1
Guest Portal-Upload Acct. by File	v	v
Hardware		
WAN (LAN 0)	Giga x 1	No Hardware
LAN	Giga x 3	
Console	RJ45	
Flash	8GB for Log Storage	
Power	DC: 12V / 1.5A	
Power Consumption (Full Loading)	8W	
Mounting	Rack/Desk/Wall-Mount	
Security Lock	Kensington Lock & U-bar Lock Supported	
Reset	v	
LED Indicators	1.System / 2.Power / 3.Storage / 4.LINK/ACT	
Environmental Conditions	Operating Temperature: 0°-50°C (32°-122°F) Operating Humidity: 90% max.	
Dimensions (LxWxH)	265 x 178 x 44 mm	
Weight	1030g	
Housing	Metal Case	

Accessories >

PoE Injector

GP-101IT
IEEE 802.3at Gigabit PoE+ Injector
30Watt 10/100/1000Mbps Gigabit PoE+ Injector

PoE Splitter

GP-101ST
IEEE 802.3at Gigabit PoE+ Splitter
25Watt 10/100/1000Mbps Gigabit PoE+ Splitter with Adjustable 5V, 9V or 12V DC Output Power

PoE Extender

GP-101ET
Gigabit Ethernet PoE+ Extender
30Watt 10/100/1000Mbps Gigabit PoE+ Extender

Outdoor Antenna

ANT-2412D1/ANT-2412D2
2.4GHz 12dBi High Gain Single/ Dual Polarization Directional Antenna
2.4GHz 1x1 (D1)/2x2 (D2) Outdoor Directional 12dBi Pole Mount Antenna

ANT-5815D1/ANT-5815D2
5GHz 15dBi High Gain Single/ Dual Polarization Directional Antenna
5GHz 1x1 (D1)/2x2 (D2) Outdoor Directional 15dBi Pole Mount Antenna

LT-610
Outdoor Lightning Arrester
2.4 / 5GHz N-male (Plug) to N-female (Jack) connector type

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