Outdoor Access Points >

Model		OAP1750	OAP900
Description		3x3 AC1750 Dual-Band Outdoor PoE	2x2 AC900 Outdoor PoE
Segment		BaseStation	CPE/AP
Hardware			
LAN Interface		Giga x 1	Giga x 2
PoE		802.3at	802.3af
Antenna		Type: 6 x External Gain: 4 dBi (2.4 GHz), 6 dBi (5 GHz)	Type: 2 x Built-in PIFA (2 x 5 GHz) Gain: 14 dBi (5 GHz)
Power		-	-
		802.3at(PoE Injector)	Passive PoE
Dimensions(LxWxH)		260x250x95 mm	90x210x35 mm
Weight(g)		2.87kg	TBC
Power Consumption (Full Loading)	Power Adapter	-	-
	PoE	18W	TBC
Mounting		Pole/Wall	Pole/Wall
Console		-	-
WPS/Reset		Reset	Reset
IP Standard		IP67	IP65
LED Indicator		1. Power LED 2. WLAN LED 3. LAN LED	1. Power LED 2. WLAN LED x4 3. LAN1 LED 4. LAN2 LED
Environmental Conditions		Operating Temperature: -40°C (-40°F) to70°C (158°F) Operating Humidity: 90% or Less	Operating Temperature: -20°C (-4°F) to 60°C (140°F) Operating Humidity: 90% or Less
Power Saving		802.3az	802.3az
Internal Buzzer		-	v
Security Cover		-	-
Wireless			
Standard		802.11 a/b/g/n/ac Concurrent Dual-Band	802.11 a/n/ac
No. of Radio		2	1
Max. Output Power (dBm)		2.4GHz 27.5±2dBm 5GHz 27.5±2dBm	5GHz 26dBm
Receive Sensitivity		≤ -93dBm	≤ -93dBm
Transmit Power (mW)		560mW/560mW	400mW
Certification		CE/FCC	CE/FCC
Fast roaming		v	v
Number of SSID(2.4G+5G)		16+16	16
Performance			
Maximum Data Speed		450+1300Mbps	900Mbps
Concurrent Clients		Up to 50 Per Radio	Up to 50
Security			
Encryption		WEP/WPA/WPA2	WEP/WPA/WPA2
Wireless L2 Isolation		v	v
Station Isolation		v	v
IEEE 802.1x Authenticator		v	v
EAP Authentication		EAP-FAST/EAP-SIM/EAP-AKA	EAP-FAST/EAP-SIM/EAP-AKA
Hidden SSID		v	v
MAC Address Filter		v	v
Wireless STA		v	v
Rogue AP Detection (w/ NMS)		v	v
Software			
Wireless Mode		AP/WDS AP/WDS Bridge/CB/Repeater/CB/AP Router	AP/WDS AP/WDS Bridge/CB/Repeater/CB/AP Router
802.1q VLAN		v (VID=1-4095)	v (VID=1-4095)
Spaning Tree		RSTP	RSTP
QoS		WMM(802.11e) Max Associated Station No.	WMM(802.11e) Max Associated Station No.
Wireless Schedule On/Off		v	v
Bandwidth Management by SSID		v	v
Pass-Through		IPv6 and VPN(PPTP),L2TP(ipsec)	IPv6 and VPN(PPTP),L2TP(ipsec)
DSCP (802.1p)		v	v
Multicast to Unicast		v	v
Management			
Deployment		Standalone Managed by Edimax NMS	Standalone Managed by Edimax NMS
Configuration		Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)
Radius Server		Build-in	Build-in
Auto-Channel		v	v
Private MIB		v	v

PoE Web Smart Switches >

Model	GS-5424PLG	GS-5208PLG
Description	24-Port Gigabit PoE+ Web Smart Switch with 4 SFP Slots	8-Port Gigabit PoE+ Web Smart Switch with 2 SFP Slots
Port/Module Slots		
10/100Base-TX	-	-
10/100/1000Base-T	24	8
1000Base-SX(SFP)	4	2
1000Base Combo RJ-45/SFP	-	-
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	20W	10W
Total Power Budget	400W	160W
Performance		
Packet Buffer, Bytes	500K	144K
MAC Address	8K	8K
Jumbo Frame, Bytes	9.6K	9.6K
Management		
Web-Based	v	v
Features		
IEEE802.1q VLAN	16	16
IEEE802.1d/w STP	v	v
IEEE802.3az Energy Efficient Ethernet Function	-	-
Port-Based/Tag-Based VLAN	v	v
Trunking Group	-	-
LACP	-	-
QoS	-	-
Priority Queues	-	-
IGMP Snooping	-	-
Storm Control	v	v
Port Mirroring	v	v
Fan-Less	-	-
Power Type	Internal Power	Internal Power
Physical		
Dimension(LxWxH)	441 x 310 x 44 mm	441 x 310 x 44 mm
Rackmountable	v	v

NMS & AP Controller>

Model	NMS	APC500
Description	Network AP Management Suit (NMS)	Wireless AP Controller
H/W	AP	Standalone
License	Free	Free
Segment	Entry	Middle
WAN	-	Giga x1
LAN	-	Giga x3
Console	-	RJ45
Management		
Managed EdimaxPro AP #	1-8	1-30
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	Q3	Q3
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	Q3	Q3
WLAN Station Bandwidth Limiting (Per-SSID)	v	v
Diagnostic Tool		
Ping/Trace Route	v	v
Physical		
Primary/ Secondary Controller Support	Q3	Q3
Software Function Items		
Active AP	8	30
AP Groups	8	30
WLAN SSIDs	50	200
WLAN Groups	8	30
RADIUS Accounts	256	1024
RADIUS Groups	8	30
Access Control (White-Black List)	256	1024
Access Control Groups	8	30
Guest Network SSIDs	50	200
Guest Network Groups	8	30
Guest Accounts	8	8

* Q3: Available in 2015 Q3

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

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Indoor Access Points >

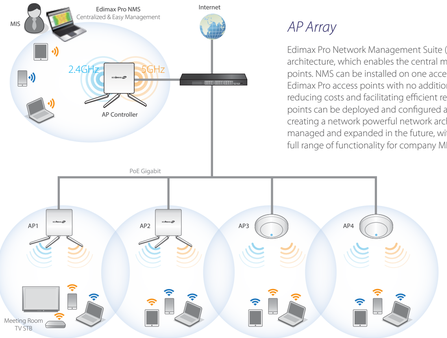
Model		CAP1750	CAP1200	CAP300	WAP1750	WAP1200
Description		3x3 AC1750 Dual-Band Ceiling Mount PoE	2x2 AC1200 Dual-Band Ceiling Mount PoE	2x2 N300 Ceiling Mount PoE	3x3 AC1750 Dual-Band Wall Mount PoE	2x2 AC1200 Dual-Band Wall Mount PoE
Segment		High	Middle	Entry	High	Middle
Hardware						
LAN Interface		Giga x 1	Giga x 1	Giga x 1	Giga x 2	Giga x 2
PoE		802.3at	802.3af (support 802.3at)	802.3af (support 802.3at)	802.3at(in) /802.3af(Out) 10W	802.3at(in) /802.3af(out)
Antenna		Type: 6 x Built-in PIFA (3 x 2.4 GHz, 3 x 5 GHz) Gain: 6 dBi (2.4 GHz) 5 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. (2.4 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)
Power		DC : 12V/2.5A	DC : 12V/1A	DC : 12V/1A	DC : 12V/4A	DC : 12V/2.5A(Without PSE)
		802.3at(PoE Injector Optional)	802.3at(PoE Injector Optional)	802.3af(PoE Injector Optional)	802.3at (PoE Injector Optional)	802.3at(PoE Injector Optional)
Dimensions(LxWxH)		200(D)x400(H) mm	176(D)x32(H) mm	176(D)x32(H) mm	183x183x36 mm	183x183x36 mm
Weight(g)		700g	305.7g	287.3g	560g	527g
Power Consumption (Full Loading)	Power Adapter	15W(Without USB)	11W	6.5W	15W (Without PSE)	12W (Without PSE)
	PoE	18W	-	-	-	-
Mounting		Ceiling	Ceiling	Ceiling	Wall/Desktop	Wall/Desktop
Console		-	-	-	RJ45	RJ45
WPS/Reset		Reset	Reset	Reset	WPS/Reset	WPS/Reset
IP Standard		-	-	-	-	-
LED Indicator		1. Power LED 2. Diag LED	1. Power LED 2. Diag LED	1. Power LED 2. Diag LED	1. Power LED 2. Diag LED	1. Power LED 2. Diag LED
Environmental Conditions		Operating Temperature: 0°C (32°F) to 40°C (104°F) Operating Humidity: 90% or Less UL94-5VB Flammability Rating	Operating Temperature: 0°C (32°F) to 40°C (104°F) Operating Humidity: 90% or Less UL94-5VB Flammability Rating	Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Humidity: 90% or Less UL94-5VB Flammability Rating	Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Humidity: 90% or Less -	Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Humidity: 90% or Less -
Power Saving		802.3az	802.3az	802.3az	802.3az	802.3az
Internal Buzzer		v	v	v	v	v
Security Cover		-	-	v (Optional)	v (Optional)	v (Optional)
Wireless						
Standard		802.11 a/b/g/n/ac Concurrent Dual-Band	802.11 a/b/g/n/ac Concurrent Dual-Band	802.11 b/g/n	802.11 a/b/g/n/ac Concurrent Dual-Band	802.11 a/b/g/n/ac Concurrent Dual-Band
No. of Radio		2	2	1	2	2
Max. Output Power (dBm)		2.4GHz 27.5±2dBm 5GHz 27.5±2dBm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz: 26dBm	2.4GHz 27.5±2dBm 5GHz 27.5±2dBm	2.4GHz 27.5±2dBm 5GHz 27.5±2dBm
Receive Sensitivity		≤ -93dBm	≤ -95dBm	≤ -95dBm	≤ -93dBm	≤ -93dBm
Transmit Power (mW)		560mW/560mW	400mW/400mW	400mW	560mW/560mW	400mW/400mW
Certification		CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC
Fast roaming		v	v	v	v	v
Number of SSID(2.4G+5G)		16+16	16+16	16	16+16	16+16
Performance						
Maximum Data Speed		450+1300Mbps	300+867Mbps	300Mbps	450+1300Mbps	300+867Mbps
Concurrent Clients		Up to 50 Per Radio	Up to 50 Per Radio	Up to 50	Up to 50 Per Radio	Up to 50 Per Radio
Security						
Encryption		WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2	WEP/WPA/WPA2
Wireless L2 Isolation		v	v	v	v	v
Station Isolation		v	v	v	v	v
IEEE 802.1x Authenticator		v	v	v	v	v
EAP Authentication		EAP-FAST/EAP-SIM/EAP-AKA	EAP-FAST/EAP-SIM/EAP-AKA	EAP-FAST/EAP-SIM/EAP-AKA	EAP-FAST/EAP-SIM/EAP-AKA	EAP-FAST/EAP-SIM/EAP-AKA
Hidden SSID		v	v	v	v	v
MAC Address Filter		v	v	v	v	v
Wireless STA		v	v	v	v	v
Rogue AP Detection (w/ NMS)		v	v	v	v	v
Software						
Wireless Mode		AP/WDS AP/WDS Bridge	AP/WDS AP/WDS Bridge	AP/WDS AP/WDS Bridge	AP/WDS AP/WDS Bridge/CB/Repeater	AP/WDS AP/WDS Bridge/CB/Repeater
802.1q VLAN		v (VID=1-4095)	v (VID=1-4095)	v (VID=1-4095)	v (VID=1-4095)	v (VID=1-4095)
Spaning Tree		RSTP	RSTP	RSTP	RSTP	RSTP
QoS		WMM(802.11e) Max Associated Station No.	WMM(802.11e) Max Associated Station No.	WMM(802.11e) Max Associated Station No.	WMM(802.11e) Max Associated Station No.	WMM(802.11e) Max Associated Station No.
Wireless Schedule On/Off		v	v	v	v	v
Bandwidth Management by SSID		v	v	v	v	v
Pass-Through		IPv6 and VPN(PPTP),L2TP(ipsec)	IPv6 and VPN(PPTP),L2TP(ipsec)	IPv6 and VPN(PPTP),L2TP(ipsec)	IPv6 and VPN(PPTP),L2TP(ipsec)	IPv6 and VPN(PPTP),L2TP(ipsec)
DSCP (802.1p)		v	v	v	v	v
Multicast to Unicast		v	v	v	v	v
Management						
Deployment		Standalone Managed by Edimax NMS	Standalone Managed by Edimax NMS	Standalone Managed by Edimax NMS	Standalone Managed by Edimax NMS	Standalone Managed by Edimax NMS
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)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)	Http/Https SNMP v1, v2c, v3 CLI (Telnet,SSH)
Radius Server		Build-in	Build-in	Build-in	Build-in	Build-in
Auto-Channel		v	v	v	v	v
Private MIB		v	v	v	v	v

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 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.

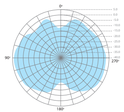
High Performance Design with High-Speed 1750Mbps Dual-Band 11ac

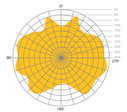
State-of-the-art IEEE 802.11ac wireless technology delivers the Giga-fast Wi-Fi speeds that today's fast-moving modern business environments demand. And simultaneous 2.4GHz & 5GHz dual-band coverage means maximum flexibility for mobile-centric business productivity applications. Speeds up to 450Mbps on the 2.4GHz band and 1300Mbps on the 5GHz band can handle even the most bandwidth intensive tasks, perfect for audio, video and voice applications and significantly faster than traditional 802.11n Wi-Fi. Additionally Edimax Pro series products feature other high-performance design features such as solid capacitors for significantly longer lifespans than traditional non-solid alternatives, generating less heat and delivering increased stability. Durable, robust and ready for business environments.

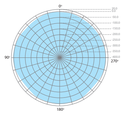


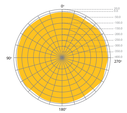
AP Array

Edimax Pro Network Management Suite (NMS) supports 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 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 network 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 company MISs.







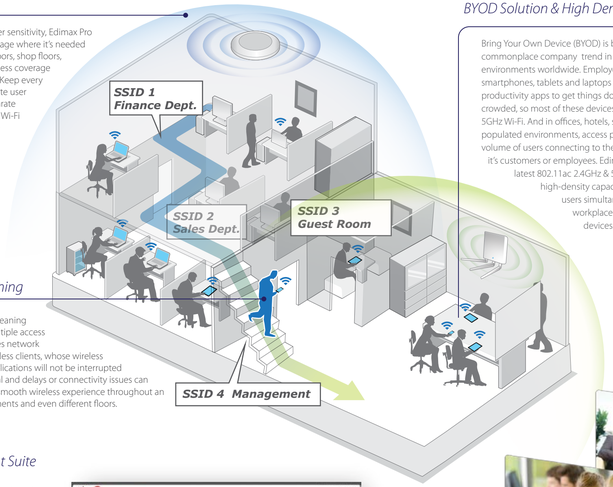


Wide Coverage & Multiple SSIDs

With adjustable RF output power and high receiver sensitivity, Edimax Pro access points are equipped to provide wide coverage where it's needed the most. Suitable for large spaces across office floors, shop floors, hospital wards, or conference rooms, get the wireless coverage that staff and systems need to operate efficiently. Keep every corner of your business connected and differentiate user groups, departments or guests with up to 32 separate SSIDs with independent security. Wide, accessible Wi-Fi coverage with strong security to protect sensitive company information and supervise access to internal networks.

Fast Roaming

Edimax Pro access points support fast roaming, meaning wireless devices can roam smoothly between multiple access points without the need to re-login. This minimizes network overheads and ensures best performance for wireless clients, whose wireless applications such as video streaming or voice applications will not be interrupted or delayed. Keeping devices connected is essential and delays or connectivity issues can be costly for businesses – fast roaming ensures a smooth wireless experience throughout an entire organization, across rooms, offices, departments and even different floors.



Easy and Intuitive Network Management Suite

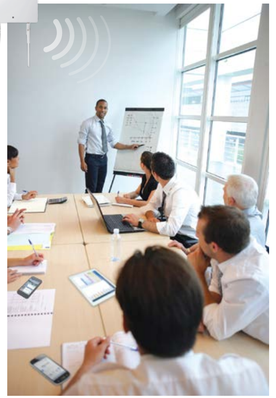
Edimax Pro NMS (Network Management Suite) is a web-based wireless network management system. Company MIS departments can plan and manage Edimax Pro access points' powerful functionality according to their office space using an easy, remote web-based interface which includes a dashboard, map view, traffic statistics and wireless client list for network-wide remote administration. RADIUS settings, WLAN group settings, access control, guest network settings and firmware upgrades can all be managed centrally from a single location to reduce network downtime, aid troubleshooting and optimize network performance. Zone plans and setup wizards are also available for expanding and managing large networks with multiple access points.

Seamless Mobility

Typical wireless access points can effectively cover a 25m – 30m radius under normal usage. Now with the technological advances in Edimax Pro access points, we can extend effective coverage approximately 1.5x further, eliminating Wi-Fi dead zones completely and providing blanket coverage across enterprise environments. Wireless devices can stay seamlessly connected in environments where connectivity may be a critical component of efficiency and productivity, and benefit from mobility with high-speed connectivity across a range of wireless devices: smartphones, tablets and computers, throughout an entire organization.

BYOD Solution & High Density Networking

Bring Your Own Device (BYOD) is becoming an increasingly commonplace company trend in offices and enterprise environments worldwide. Employees are using their own smartphones, tablets and laptops with the latest cloud-connected productivity apps to get things done and, traditional 2.4GHz is crowded, so most of these devices need or support high-speed 5GHz Wi-Fi. And in offices, hotels, schools or other densely populated environments, access points need to cope with a high volume of users connecting to the network at any time, whether it's customers or employees. Edimax Pro solutions support the latest 802.11ac 2.4GHz & 5GHz dual-band Wi-Fi along with high-density capacity to support up to a hundred users simultaneously, ideal for BYOD workplaces and a large number of wireless devices.

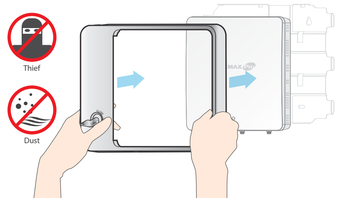


Hotels, Offices, Schools, Hospitals

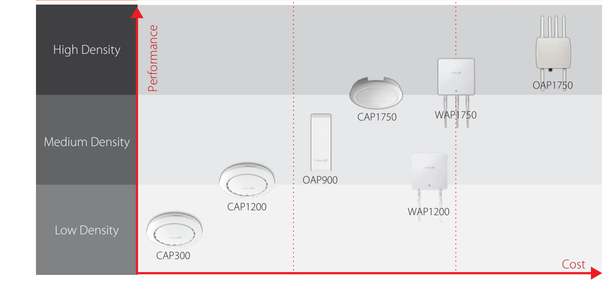
Edimax Pro series access points, with high-speed 11ac high-density networking for up to 100 simultaneous users, are ideal for multi-tenant unit buildings, hotels, resorts, hospitals, campuses, conventions or anywhere with large-scale network use, with safety and effectiveness guaranteed. UL94-5VB certified products are fire-resistant to international requirements and can be safely installed in plenum spaces – commonly used in industrial environments to house computer and network infrastructure – without presenting a risk.

Security Cover, Rogue AP Detection & Wireless Isolation

Network security is a critical concern for any modern business and begins with the hardware itself. Edimax Pro access points can be fitted with a robust security cover and lock, preventing the access point from being tampered with or removed and restricting access to authorized persons only. Rogue access point detection can also identify any unauthorized SSIDs which may have been installed in an otherwise secure network with malicious intent, and L2 wireless isolation provides wireless security.



Enterprise(SMB)	Office Area	Meeting Room	Open Air Area
Education	Classroom	Auditorium/ Library	Open Air Area
Hospitality	Guest Room/Ward	Reception/Retail	Open Air Area



Indoor Access Points

CAP1750	CAP1200	CAP300	WAP1750	WAP1200
• Segment: High • 3T3R 802.11a/b/g/n/ac • 450+1300Mbps, Concurrent Dual-Band • 10/100/1000 Gigabit Ethernet • Up to 27.5dbm • 802.3at PoE Supported • UL94-5VB Flammability Rating	• Segment: Middle • 2T2R, 802.11a/b/g/n/ac • 300+867Mbps, Concurrent Dual-Band • 10/100/1000 Gigabit Ethernet • Up to 26dbm • 802.3af PoE Supported • UL94-5VB Flammability Rating	• Segment: Entry • 2T2R, 802.11b/g/n • 300Mbps, Single-Band 2.4GHz • 10/100/1000 Gigabit Ethernet • Up to 26dbm • 802.3af PoE Supported • UL94-5VB Flammability Rating	• Segment: High • 3T3R, 802.11a/b/g/n/ac • 450+1300Mbps, Concurrent Dual-Band • 10/100/1000 Gigabit Ethernet • Up to 27.5dbm • 802.3at PoE Supported (PoE Out 802.3af) • Optional Security Cover (SC1000)	• Segment: Middle • 2T2R, 802.11a/b/g/n/ac • 300+867Mbps, Concurrent Dual-Band • 10/100/1000 Gigabit Ethernet • Up to 27.5dbm • 802.3at PoE Supported • Optional Security Cover (SC1000)

Outdoor Access Points

AP Controller

PoE Switches

OAP1750	OAP900	APC500	GS-5424PLG	GS-5208PLG
• Segment: Base Station • 3T3R, 802.11a/b/g/n/ac • 450+1300Mbps, Concurrent Dual-Band • 10/100/1000 Gigabit Ethernet • Up to 27.5dbm • 802.3at PoE Supported • IP67 Weatherproof	• Segment: CPE/AP • 2T2R, 802.11a/n/ac • 900Mbps, Single-Band 5GHz • 10/100/1000 Gigabit Ethernet • Up to 26dbm • 802.3af PoE Supported • IP65 Weatherproof	• Segment: Edimax Pro AP Controller • Manage up to 30 Edimax Pro APs. • Suitable for SMB/SME environments. • Robust AP management. • Local or built-in RADIUS (AAA) support for user and guest accounts. • Batch setup/configuration. • Group firmware upgrade & restart. • Channel/RF power/load optimization. • Flexible WLAN Groups. • Reliable standalone box to support SMB heavy usage.	• Segment: PoE+ Web Smart Switch • 24 10/100/1000Mbps Gigabit Ethernet Ports • 2-mini-GBIC/SFP Slots • 802.3af/at PoE Supported • 48V DC with 30W Output Per Port (500W Total Power Budget) • 8K MAC Address Table, Auto Source Address Learning & Ageing • 56Gbps Forwarding Rate	• Segment: PoE+ Web Smart Switch • 8 10/100/1000Mbps Gigabit Ethernet Ports • 2-mini-GBIC/SFP Slots • 802.3af/at PoE Supported • 48V DC with 30W Output Per Port (160W Total Power Budget) • 8K MAC Address Table, Auto Source Address Learning & Ageing • 20Gbps Forwarding Rate