



Outdoor Access Points >

Model	OAP1750	OAP900
Description	3x3 AC1750 Dual-Band Outdoor PoE BaseStation	2x2 AC900 Outdoor PoE CPE/AP
Segment	High	Entry
Hardware	High	Entry
LAN Interface	Giga x 1	Giga x 2
PoE	802.3af	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: 13 dBi (5 GHz)
Power	802.3af(PoE Injector)	Passive PoE
Dimension(LxWxH)	260x250x95 mm	90x210x35 mm
Weight(g)	2.87kg	TBC
Power Consumption (Full Loading)	22W	TBC
Power Adapter	-	-
PoE	-	-
Mounting	Pole/Wall	Pole/Wall
Console	-	-
WPS/Reset	Reset	Reset
IP Standard	IP67	IP65
LED Indicator	1. Power LED 2. WLAN LED	2. WLAN LED x4 3. LAN1 LED 4. LAN2 LED
Environmental Conditions	Operating Temperature: -40°C (-40°F) to 70°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	-	-
Security Cover	-	-
Wireless		
Standard	802.11 a/b/g/n/ac Concurrent Dual-Band 2	802.11 a/n/ac 1
No. of Radio	2	1
Max. Output Power (dBm)	24GHz: 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/CR/AP Router	AP/WDS AP/WDS Bridge/CB/ Repeater/CR/AP Router
802.1q VLAN	v (VID=1-4095)	v (VID=1-4095)
Spanning Tree	RSTP	RSTP
QoS	WMM(802.11e)	WMM(802.11e)
Wireless Schedule On/Off	Max Associated Station No.	Max Associated Station No.
Bandwidth Management by SSID	v	v
Pass-Through	IPv6 and VPN(PPTPL2TP)ipsec	IPv6 and VPN(PPTPL2TP)ipsec
DSCP (802.1p)	v	v
Multicast to Unicast	v	v
Management		
Deployment	Standalone Managed by Edimax NMS Http/Https	Standalone Managed by Edimax NMS Http/Https
Configuration	SNMP v1, v2c, v3 CLI (Telnet,SSH)	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-5008PL
Description	24-Port Gigabit PoE+ with 4 SFP Slots Web Smart Switch	8-Port Gigabit PoE+ Web Smart Switch
Port/Module Slots		
10/100Base-TX	-	-
10/100/1000Base-T	24	8
1000Base-SX(SFP)	4	-
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	36W	12W
Total Power Budget	400W	150W
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	140	16
IEEE802.1d/w STP	-	-
IEEE802.3az Energy Efficient Ethernet Function	-	v
Port-Based/Tag-Based VLAN	v	v
Trunking Group	-	-
LACP	v	v
QoS	v	v
Priority Queues	v	v
IGMP Snooping	v	v
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	265 x 184 x 44 mm
Rackmountable	v	v

NMS & AP Controller >

Model	NMS	APC500
Description	Network AP Management Suite (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 Statistics	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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# 2015 Enterprise Wi-Fi Networking Solutions

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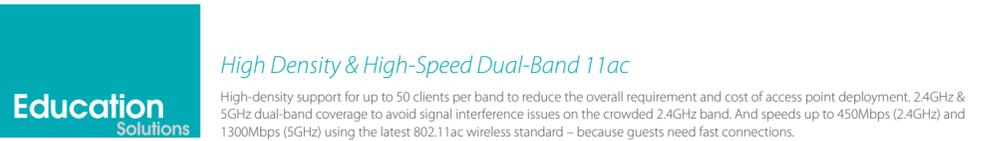
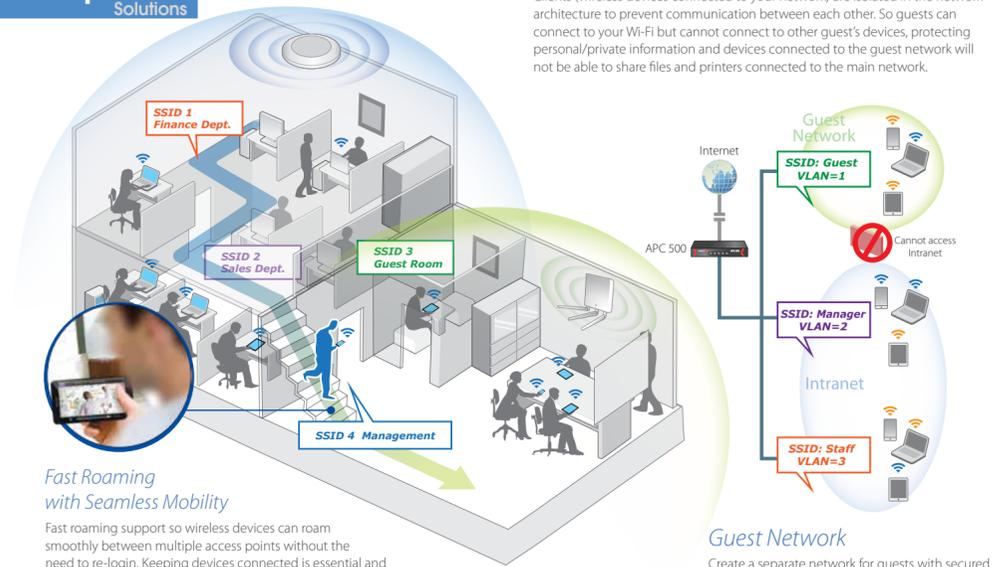
Indoor Access Points >

Model	CAP1750	CAP1200	CAP900	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	High	Middle	Entry	High	Middle
LAN Interface	Giga x 1	Giga x 1	Giga x 1	Giga x 2	Giga x 2
PoE	802.3af	802.3af (support 802.3at)	802.3af (support 802.3at)	802.3af(n) /802.3af(Out) 10W	802.3af(Out) /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), 2 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), 2 dBi (5 GHz) max.	Type: 2 x Built-in PIFA Gain: 2.82dBi max. (2.4 GHz), 2 dBi (5 GHz) max.	Type: 2 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	802.3af(PoE Injector Optional)	802.3af (PoE Injector Optional)	802.3af(PoE Injector Optional)	802.3af (PoE Injector Optional)	802.3af(PoE Injector Optional)
Dimension(LxWxH)	207(D)x30(H) mm	176(D)x32(H) mm	176(D)x32(H) mm	183x183x36 mm	183x183x36 mm
Weight(g)	468g	305.7g	287.3g	560g	527g
Power Consumption (Full Loading)	15W	11W	6.5W	15W (Without PSE)	12W (Without PSE)
Power Adapter	-	-	-	-	-
PoE	-	-	-	-	-
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-V0 Flammability Rating	Operating Temperature: 0°C (32°F) to 40°C (104°F) Operating Humidity: 90% or Less UL94-V0 Flammability Rating	Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Humidity: 90% or Less UL94-V0 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	v	v	v (Optional)	v (Optional)
Wireless					
Standard	802.11 a/b/g/n/ac Concurrent Dual-Band 2	802.11 a/b/g/n/ac Concurrent Dual-Band 2	802.11 b/g/n 1	802.11 a/b/g/n/ac Concurrent Dual-Band 2	802.11 a/b/g/n/ac Concurrent Dual-Band 2
No. of Radio	2	2	1	2	2
Max. Output Power (dBm)	24GHz: 27.5±2dBm 5GHz: 27.5±2dBm	24GHz: 26dBm 5GHz: 26dBm	2.4GHz: 26dBm	24GHz: 27.5±2dBm 5GHz: 27.5±2dBm	24GHz: 27.5±2dBm 5GHz: 27.5±2dBm
Receive Sensitivity	≤ -93dBm	≤ -93dBm	≤ -93dBm	≤ -93dBm	≤ -93dBm
Transmit Power (mW)	560mW/560mW	400mW/400mW	400mW	560mW/400mW	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)
Spanning Tree	RSTP	RSTP	RSTP	RSTP	RSTP
QoS	WMM(802.11e)	WMM(802.11e)	WMM(802.11e)	WMM(802.11e)	WMM(802.11e)
Wireless Schedule On/Off	Max Associated Station No.	Max Associated Station No.	Max Associated Station No.	Max Associated Station No.	Max Associated Station No.
Bandwidth Management by SSID	v	v	v	v	v
Pass-Through	IPv6 and VPN(PPTPL2TP)ipsec	IPv6 and VPN(PPTPL2TP)ipsec	IPv6 and VPN(PPTPL2TP)ipsec	IPv6 and VPN(PPTPL2TP)ipsec	IPv6 and VPN(PPTPL2TP)ipsec
DSCP (802.1p)	v	v	v	v	v
Multicast to Unicast	v	v	v	v	v
Management					
Deployment	Standalone Managed by Edimax NMS Http/Https	Standalone Managed by Edimax NMS Http/Https	Standalone Managed by Edimax NMS Http/Https	Standalone Managed by Edimax NMS Http/Https	Standalone Managed by Edimax NMS Http/Https
Configuration	SNMP v1, v2c, v3 CLI (Telnet,SSH)	SNMP v1, v2c, v3 CLI (Telnet,SSH)	SNMP v1, v2c, v3 CLI (Telnet,SSH)	SNMP v1, v2c, v3 CLI (Telnet,SSH)	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

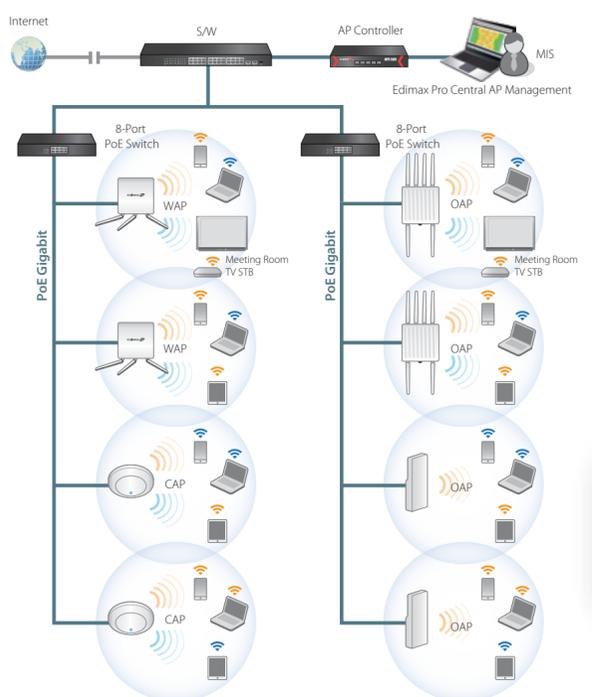
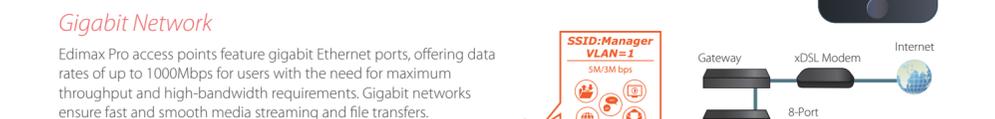
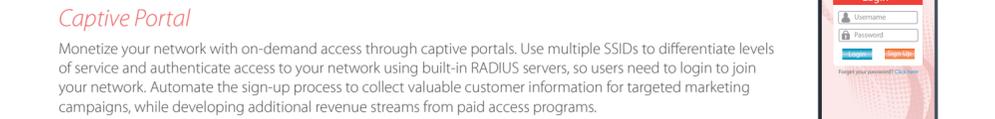
The Edimax Pro series is a range of high performance, reliable and affordable Wi-Fi solutions for modern businesses. Performance, functionality and usability designed for day-to-day enterprise environments – with leading 11ac technology, powerful security, flexible deployment and management options for 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.



## Enterprise Solutions



## Hospitality Solutions



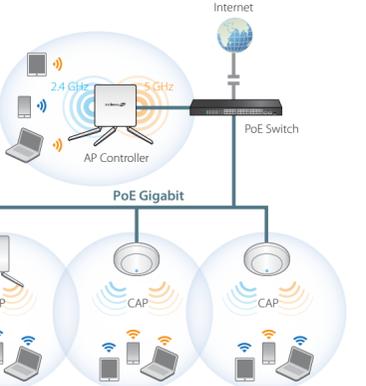
## Dedicated Access Point Controller for SMBs/SMEs

Scale your network according to your business with the APC500 Access Point Controller. The controller enables efficient and remote central management of up to 30 access points - configured according to your business needs to create a powerful network architecture with an easy to use interface and full range of functionality. Network administrators can plan and manage access points 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. Group AP management, RADIUS settings, WLAN group settings, access control, captive portal, 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.



## 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 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 network administrators.



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

Density	Access Point Model
High Density	OAP1750, WAP1750, OAP1750
Medium Density	OAP900, WAP1200
Low Density	CAP300, CAP1200

Indoor Access Points	Outdoor Access Points	AP Controller	PoE Switches
<p><b>red dot design award winner 2015</b></p> <p><b>TAIWAN EXCELLENCE 2014</b></p> <p><b>CAP1750</b></p> <ul style="list-style-type: none"> <li>Segment: High</li> <li>3T2R, 802.11a/b/g/n/ac</li> <li>450+1300Mbps, Concurrent</li> <li>Dual-Band</li> <li>10/100/1000 Gigabit Ethernet</li> <li>Up to 27.5dbm</li> <li>802.3af PoE Supported</li> <li>UL94-5VB Flammability Rating</li> </ul>	<p><b>CAP1200</b></p> <ul style="list-style-type: none"> <li>Segment: Middle</li> <li>2T2R, 802.11a/b/g/n/ac</li> <li>300+867Mbps, Concurrent</li> <li>Dual-Band</li> <li>10/100/1000 Gigabit Ethernet</li> <li>Up to 26dbm</li> <li>802.3af PoE Supported</li> <li>UL94-5VB Flammability Rating</li> </ul>	<p><b>CAP300</b></p> <ul style="list-style-type: none"> <li>Segment: Entry</li> <li>2T2R, 802.11b/g/n</li> <li>300Mbps, Single-Band</li> <li>2.4GHz</li> <li>10/100/1000 Gigabit Ethernet</li> <li>Up to 26dbm</li> <li>802.3af PoE Supported</li> <li>UL94-5VB Flammability Rating</li> </ul>	<p><b>WAP1750</b></p> <ul style="list-style-type: none"> <li>Segment: High</li> <li>3T3R, 802.11a/b/g/n/ac</li> <li>450+1300Mbps, Concurrent</li> <li>Dual-Band</li> <li>10/100/1000 Gigabit Ethernet</li> <li>Up to 27.5dbm</li> <li>802.3af PoE Supported</li> <li>(PoE Out 802.3af)</li> <li>Optional Security Cover (SC1000)</li> </ul>
<p><b>OAP1750</b></p> <ul style="list-style-type: none"> <li>Segment: Base Station</li> <li>3T3R, 802.11a/b/g/n/ac</li> <li>450+1300Mbps, Concurrent</li> <li>Dual-Band</li> <li>10/100/1000 Gigabit Ethernet</li> <li>Up to 27.5dbm</li> <li>802.3af PoE Supported</li> <li>IP67 Weatherproof</li> </ul>	<p><b>OAP900</b></p> <ul style="list-style-type: none"> <li>Segment: CPE/AP</li> <li>2T2R, 802.11a/n/ac</li> <li>900Mbps, Single-Band</li> <li>5GHz</li> <li>10/100/1000 Gigabit Ethernet</li> <li>Up to 26dbm</li> <li>802.3af PoE Supported</li> <li>IP65 Weatherproof</li> </ul>	<p><b>APC500</b></p> <ul style="list-style-type: none"> <li>Segment: Edimax Pro AP Controller</li> <li>Manage up to 30 Edimax Pro APs</li> <li>Suitable for SMB/SME environments</li> <li>Robust AP management</li> <li>Local or built-in RADIUS (AAA) support for user and guest accounts</li> <li>Batch setup/configuration</li> <li>Group firmware upgrade &amp; restart</li> <li>Channel/RF power/load optimization</li> <li>Flexible WLAN Groups</li> <li>Reliable standalone box to support SMB heavy usage.</li> </ul>	<p><b>GS-5424PLG</b></p> <ul style="list-style-type: none"> <li>Segment: PoE+ Web Smart Switch</li> <li>24 10/100/1000Mbps Gigabit Ethernet Ports</li> <li>4-mini-GbIC/SFP Slots</li> <li>802.3af/at PoE Supported</li> <li>48V DC with 30W Output Per Port (400W Total Power Budget)</li> <li>8K MAC Address Table, Auto Source Address Learning &amp; Ageing</li> <li>56Gbps Forwarding Rate</li> </ul>
<p><b>GS-5008PL</b></p> <ul style="list-style-type: none"> <li>Segment: PoE+ Web Smart Switch</li> <li>8 10/100/1000Mbps Gigabit Ethernet Ports</li> <li>802.3af/at PoE Supported</li> <li>48V DC with 30W Output Per Port (150W Total Power Budget)</li> <li>4K MAC Address Table, Auto Source Address Learning &amp; Ageing</li> <li>16Gbps Forwarding Rate</li> </ul>			