EDIMAX
NETWORKING PEOPLE TOGETHER

EDIMAX Pro

Business Networking Product Guide

Elevating Businesses with Enhanced Connectivity

Exceptional Business Wi-Fi, Always Stays Connected

Easy Deployment, Built for Professional Heavy Users

A series of business grade Edimax Pro Access Points allows businesses to build the reliable, cost-effective wireless networks from indoor to outdoor long range Wi-Fi that drive progress, maintain employee productivity and customer satisfaction.

High Speed & Efficiency	Wide Coverage	Reliable Connection	High Density for BYOD	Secure Access	Free & Flexible Management

EU   US

Indoor Access Point

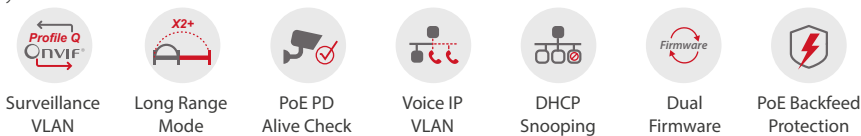| Model No.	CAX1800	CAP1750	CAP1300	CAP1200	CAP300	IAP1200
	Ceiling Mount					In-WAll
Description	2x2 AX Dual-Band Ceiling Mount PoE	3x3 AC Dual-Band Ceiling Mount PoE	2x2 AC Wave 2 Dual-Band Ceiling Mount PoE	2x2 AC Dual-Band Ceiling Mount PoE	2x2 N Ceiling Mount PoE	2x2 AC Dual-Band In-Wall PoE
LAN Interface	GbE x 1	GbE x 1	GbE x 2	GbE x 1	GbE x 1	GbE x 2, RJ11 x 2
PoE	802.3af	802.3at	802.3af (Support 802.3at)	802.3af (Support 802.3at)	802.3af (Support 802.3at)	802.3af (Support 802.3at)
Antenna	2 x Built-In PIFA (2 x 2.4Ghz (2.2dBi, 2 x 5GHz (2.9dBi)	6 x Built-in PIFA (3 x 2.4GHz (4.38dBi), 3 x 5GHz (5.34dBi))	4 x Built-in PIFA (2 x 2.4GHz (4dBi), 2 x 5GHz (5dBI))	4 x Built-in PIFA (2 x 2.4GHz (2.82dBi, 2 x 5GHz (4dBi))	2 x Built-in PIFA (2.4GHz (2.82dBi))	2 x Built-in PIFA (2.4GHz (2.14dBi), 5GHz (3.8dBi))
Power Consumption (Full Loading) — Power Adapter	12V, 2A	12V, 2A	12V, 1A	12V, 1A	12V, 1A	-
Power Consumption (Full Loading) — PoE	12W	15W; 19.2W (With USB)	11W	11W	11W	8W
No. of Radio	2	2	2	2	1	2
Number of SSID (2.4G+5G)	16+16	16+16	16+16	16+16	16+0	16+16
Maximum Data Speed	574+1201Mbps	450+1300Mbps	400+867Mbps	300+867Mbps	300Mbps	300+867Mbps
Concurrent Clients	Up to 128 Per Radio	Up to 50 Per Radio	Up to 100 Per Radio	Up to 50 Per Radio	Up to 50 Per Radio	Up to 50 Per Radio
802.11 r /k Roaming	v	v	v	v (only 5G)	-	-
Beamforming / AirTime Fairness	v	-	v	-	-	-
Mode	· Standalone AP mode · Master AP mode: Manage 16 CAX1800 APs with NMS · Managed AP mode: Be managed by CAX1800 Master AP with NMS	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode	· Standalone AP mode · Master AP mode: Manage 8 APs · Managed AP mode	· Standalone AP mode · Master AP mode: Manage 8 APs · Managed AP mode	· Standalone AP mode · Managed AP mode · For hotel or apartment building deployment

V2

Indoor and Outdoor Access Point

Model No.	WAP1750	WAP1200	OAP1750	OAP1300 / OAP1300 V2	OAP900
	Wall Mount		Outdoor Pole-Mount		
Description	3x3 AC Dual-Band Wall Mount PoE	2x2 AC Dual-Band Wall Mount PoE	3x3 AC Dual-Band Outdoor PoE	2x2 AC Wave 2 Dual-Band Outdoor PoE	2x2 AC 5GHz Outdoor PoE
LAN Interface	GbE x 2	GbE x 2	GbE x 1	GbE x 2	GbE x 2
PoE	802.3at(In)/802.3af(Out) 10W	802.3at	802.3at	802.3at, (LAN1 PoE in, LAN2 PoE out)	Passive PoE, (LAN1 PoE in, LAN2 PoE out)
Antenna	3 x External (2.4GHz (2dBi), 5GHz (2dBi))	2 x External (2.4GHz (2dBi), 5GHz (2dBi))	6 x External (2.4GHz (4dBi), 5GHz (6dBi))	V1: 2 x External (2.4GHz (5dBi), 5GHz (5dBi)) V2: 2 x Internal (2.4GHz (5dBi), 5GHz (14dBi))	2 x Internal Patch Antenna, 5GHz (15dBi), 2 x SMA Connector for Ext. Ant.
Power Consumption (Full Loading) — Power Adapter	12V, 4A	12V, 2.5A	-	-	-
Power Consumption (Full Loading) — PoE	15W (Exclude PoE-Out)	12W	22W	15W	10.6W (Passive PoE)
No. of Radio	2	2	2	2	1
Number of SSID (2.4G+5G)	16+16	16+16	16+16	16+16	0+16
Maximum Data Speed	450+1300Mbps	300+867Mbps	450+1300Mbps	400+867Mbps	900Mbps
Concurrent Clients	Up to 50 Per Radio	Up to 50 Per Radio	Up to 50 Per Radio	Up to 100 Per Radio	Up to 50 Per Radio
802.11 r /k Roaming	v	v	v	v	v
Beamforming / AirTime Fairness	-	-	-	v	-
Mode	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode	· Standalone AP mode · Master AP mode: Manage 16 APs · Managed AP mode	· Standalone AP mode · Managed AP mode	· Standalone AP mode · Managed AP mode

Simplify the Management Optimize the Connection
Functionality, Security and Manageability at a Low Cost with Great Value

ONVIF® | Q

The Edimax Pro Web Smart Managed Switches go beyond plug-and-play connectivity, to offer more convenient of full management capabilities and security features assigning challenges to sophisticated IT systems effortlessly.

Profile Q — ONVIF — Surveillance VLAN | X2+ — Long Range Mode | PoE PD Alive Check | Voice IP VLAN | DHCP Snooping | Firmware — Dual Firmware | PoE Backfeed Protection

PoE Web Smart Switch

Model No.	GS-5424PLX	GS-5424PLC	GS-5416PLC	GS-5208PLG	GS-3008P	GS-3005P	ES-5424P
	Gigabit Ethernet						Fast Ethernet
	24-Port		16-Port	8-Port		5-Port	24-Port
Description	Long Range 24-Port Gigabit PoE+ Web Smart Switch with 4 10 Gigabit Uplinks	Long Range 24-Port Gigabit PoE+ Web Smart Switch with 4 Gigabit RJ45/SFP Combo Ports	Long Range 16-Port Gigabit PoE+ Web Smart Switch with 4 Gigabit RJ45/SFP Combo Ports	8-Port Gigabit PoE+ Web Smart Switch with 2 SFP Slots	Long Range 8-Port Gigabit PoE+ Web Smart Switch	Long Range 5-Port Gigabit PoE+ Web Smart Switch	Long Range24-Port Fast Ethernet PoE+ Web Smart Switch with 4 Gigabit RJ45/ SFP Combo Ports
Port/Module Slots							
GbE / FE	24 x GbE	24 x GbE	16 x GbE	8 x GbE	8 x GbE	5 x GbE	24 x FE
SFP/SFP+ Slot	4 x 10GbE SFP+	-	-	2 x SFP	-	-	-
1000Base Combo RJ-45/SFP	-	4	4	-	-	-	4
PoE Port	24	24	16	8	4	4	24
PoE Power Management							
IEEE 802.3af PoE(15.4W/P)	v	v	v	v	v	v	v
IEEE 802.3at PoE (30W/P)	v	v	v	v	v	v	v
Power Budget Management UI	v	v	v	v	v	v	v
PD Power On/Off Control	v	v	v	v	v	v	v
Overloading Protecting	v	v	v	v	v	v	v
Power Backfeed Protection	v	v	v	v	v	v	v
Long Range Mode	v	v	v	v	v	v	v
Total PoE Power Budget	400W	400W	280W	130W	60W	60W	240W
Performance							
Packet Buffer, bit	12M	4.1M	4.1M	1.5M	1M	1M	2.75M
MAC Address	16K	8K	8K	4K	4K	2K	4K
Jumbo Frame, Bytes	12K	9K	9K	9.2K	9.2K	9.2K	9.2K
Backplane bandwidth	128Gbps	52Gbps	36Gbps	20Gbps	16Gbps	10Gbps	12.8Gbps
Forwarding Rate	95.2Mbps	23.8Mbps	23.8Mbps	14.88Mbps	35.7Mbps	35.7Mbps	14.88Mbps
Management							
Web-Based	v	v	v	v	v	v	v
Features							
ONVIF Surveillance VLAN	ONVIF® Profile Q	-	-	-	-	-	-
IEEE 802.1q VLAN	v	v	v	v	v	v	v
IEEE 802.1d/w STP/RSTP	v/v	v/v	v/v	v/v	v/v	v/v	v/v
IEEE 802.3az Energy Efficient Ethernet	v	v	v	v	v	v	v
Trunking Group	8	8	8	8	1	1	3
LACP	v	v	v	v	v	v	v
QoS/Priority Queues	v	v	v	v	v	v	v
IGMP Snooping	v	v	v	v	v	v	v
Storm Control	v	v	v	v	v	v	v
Port Mirroring	v	v	-	-	-	-	-
Loopback Detection	v	v	v	v	v	v	v
PoE PD Alive Check	v	v	v	v	-	-	v
Dual Firmware	v	v	-	-	-	-	v
Voice VLAN	v	v	v	-	-	-	v
DHCP Snooping	v	v	v	-	-	-	v
Long Range 200M+*	v	v	v	-	v	v	v
Fan Type	3 x Fans with hot-swappable fan tray	2 x Fans with hot-swappable fan tray	2 x Fans with hot-swappable fan tray	Fanless	Fanless	Fanless	2 x Fans with hot-swappable fan tray
Power Type	Internal Power	Internal Power	Internal Power	Internal Power	External Power	External Power	Internal Power
Physical							
Dimension (LxWxH)	441x270x45mm	441x270x45mm	441x196x44mm	265x184x44mm	265x184x44mm	193x84x26mm	441x270x45mm
Mounting Type	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	-	Rack Mount

* Guarantee 200 Meters and above.

Guarantee PoE Distance 200 Meters or Above

Long Range Flexible PoE Deployment, Exceptional for IP Surveillance Solution

The Edimax dedicated long range PoE switches support PoE-enabled devices, which save more money through reducing deployment cost of power cable with easy hardware DIP switches to setup port-based VLAN (port isolation) and QoS.

Guarantee PoE Distance 200M+
Easy Hardware QoS
Innovative Port-Based VLAN
Flexible PoE Deployment

PoE Unmanaged Switch				
Model No.	GS-1008P V2	GS-1008PL V2	ES-1008P V2	ES-5104PH V2
	Gigabit Ethernet		Fast Ethernet	
	8-Port		8-Port	5-Port
Description	8-Port Gigabit PoE+ Switch with DIP Switch		8-Port Fast Ethernet PoE+ Switch with DIP Switch	5-Port Fast Ethernet Switch with 4 PoE+ Ports & DIP Switch
Port/Module Slots				
GbE / FE	8 x GbE	8 x GbE	8 x FE	5 x FE
PoE Port	8	8	8	4
PoE Features				
IEEE 802.3af PoE	v	v	v	v
IEEE 802.3at PoE	v	v	v	v
PD Classification	v	v	v	v
Overloading Protecting	v	v	v	v
Long Range PoE Extend Mode	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)
Total PoE Power Budget	130W	70W	130W	60W
Performance				
Packet Buffer, bit	1M	1M	448K	448K
MAC Address	2K	4K	1K	1K
Jumbo Frame, Bytes	9K	9K	-	-
Features				
IEEE 802.1q VLAN	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)
IEEE 802.3az Energy Efficient Ethernet	v	v	v	v
QoS	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)
Long Range 200M+*	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)	v (DIP Switch)
Fan Type	Fanless	Fanless	Fanless	Fanless
Power Type	Internal Power	Internal Power	Internal Power	External Power
Physical				
Dimension (LxWxH)	265x184x44mm	240x105x27mm	265x184x44mm	121x75x26mm
Mounting Type	Rack Mount	Rack Mount	Rack Mount	-

* Guarantee 200 Meters and above.

Web Smart Switch		
Model No.	XGS-5008	GS-5424G
	10 Gigabit	Gigabit Ethernet
	8-Port	24-Port
Description	8-Port 10GbE Web Smart Switch	Long Range 24-Port Gigabit Web Smart Switch with 4 SFP Slots
Port/Module Slots		
GbE / FE	8 x 10 Gigabit	24 x Gigabit
SFP/SFP+ Slot	-	4 x SFP
Performance		
Packet Buffer, bit	16M	4M
MAC Address	16K	8K
Jumbo Frame, Bytes	9.6K	9.6K
Management		
Web-Based	v	v
Features		
IEEE 802.1q VLAN	v	v
IEEE 802.3az Energy Efficient Ethernet	v	v
Trunking Group	4	4
QoS	v	v
IGMP Snooping	v	v
Storm Control	v	v
Loopback Detection	v	v
Long Range 200M+*	-	v
Fan Type	1 x Fan	2 x Fans with hot-swappable fan tray
Power Type	External Power	Internal Power
Physical		
Dimension (LxWxH)	265x185x44mm	440x220x44mm
Mounting Type	Rack Mount	Rack Mount

* Guarantee 200 Meters and above.

Unmanaged Switch				
Model No.	GS-1008BE	GS-1005BE	GS-1026 V2	GS-1016
	2.5 Gigabit		Gigabit Ethernet	
	8-Port	5-Port	24-Port	16-Port
Description	8-Port 2.5GbE Switch	5-Port 2.5GbE Switch	24-Port Gigabit Rack-Mount Switch with 2 SFP Slots	16-Port Gigabit Rack-Mount Switch
Port/Module Slots				
GbE / FE	8 x 2.5 GbE	5 x 2.5G GbE	24 x GbE	16 x GbE
SFP/SFP+ Slot	-	-	2 x SFP	-
Performance				
Packet Buffer, bit	96M	96M	4M	2M
MAC Address	16K	16K	8K	8K
Jumbo Frame, Bytes	12K	12K	9K	9K
Features				
IEEE 802.3az Energy Efficient Ethernet	v	v	v	v
Fan Type	Fanless	Fanless	Fanless	Fanless
Power Type	External Power	External Power	Internal Power	Internal Power
Physical				
Dimension (LxWxH)	270 x 146 x 32mm	160 x 110 x 26mm	441 x 131 x 44 mm	441 x 131 x 44 mm
Mounting Type	Wall Mount	Wall Mount	Rack Mount	Rack Mount

Accessories		
Model No.	GP-102IT	GP-101IT
	PoE Injector	
Description	IEEE 802.3bt Gigabit PoE++ Injector, up to 60W Metal Case, Wall-Mount	IEEE 802.3at Gigabit PoE+ Injector

	GP-101ET	GP-101ST	MG-10G Series	MG-1000 Series
	PoE Extender	PoE Splitter	SFP Transceiver	
	IEEE 802.3at Gigabit PoE+ Extender	IEEE 802.3at Gigabit PoE+ Splitter	10G 1000Base-SX/LX SFP+ Modules	1G 1000Base-T/SX-/LX SFP Modules

	EN-9320SFP+	EN-9320TX-E V2	EN-9225TX-E
	PCI-E Card		
	10 Gigabit Ethernet SFP+ PCI Express Server Adapter	10 Gigabit Ethernet PCI Express Server Adapter	2.5 Gigabit Ethernet PCI Express Server Adapter

Smart, Secure and Self-Managed Wi-Fi

Easy, Complete, Expandable Office Wi-Fi System for Business and Home from Indoor to Outdoor

The Office 1-2-3 Office Wi-Fi System starter kit comes with three pre-configured access points that can communicate between themselves with self-managed functions for easy setup. The system is expandable with CAP1300/OAP1300 Office +1 Add-on AP, up to a total of 16 APs with zero configuration*. Built-in with the AP management software, no need for server or controller software and no extra license fee.

* Zero configuration: Once the Office 1-2-3 Master AP had been installed, the slave APs or add-on APs are automatically configured with master AP while connected to the existing network.

OFFICE 1-2-3

Easy Setup!
Get Your Office Wi-Fi Up and Running in Minutes!

1 Connect the Office 1-2-3 / Office +1 APs to the existing network via switch. (APs can be powered on by PoE)

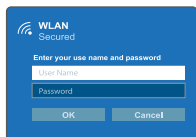**2** Download the IP Finder utility and the system will find the Office 1-2-3 APs automatically.

3 Follow the wizard instructions of web- and icon-based UI and easily configure the Wi-Fi Networks in few steps.
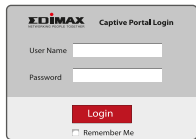

Secured, Separated 3 Wi-Fi Networks

WLAN Secured
Enter your use name and password
User Name
Password
OK   Cancel

Office Network
Each employee has his/ her own Wi-Fi access account and password.

EDIMAX Captive Portal Login
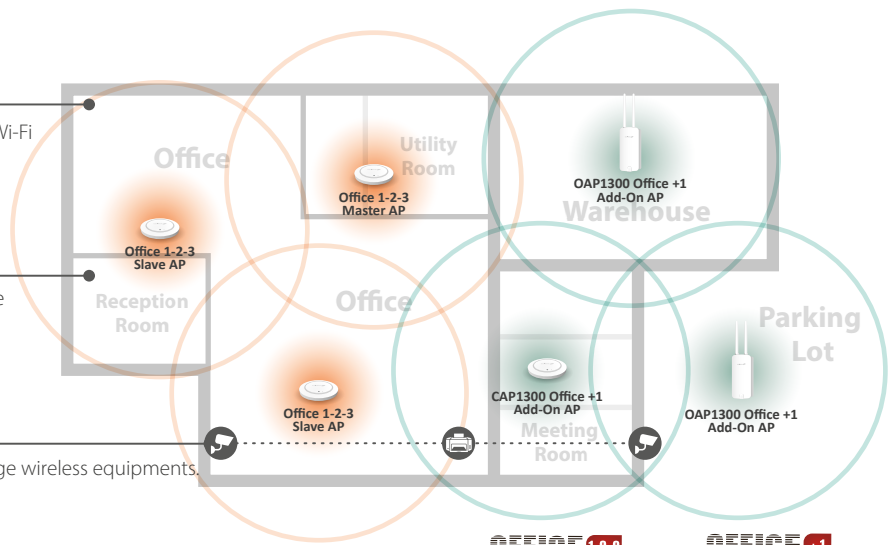User Name
Password
Login
Remember Me

Guest Network
Login to guest network via captive portal and SMS authentication.

Device Name	MAC Address
IPCAM1	00:34:45:66:1A:01
IPCAM2	00:34:45:66:1A:02
IPCAM3	00:34:45:66:1A:03
Printer1	00:34:45:66:1A:04
Printer2	00:34:45:66:1A:05

Device Network
Access Control List (ACL) to manage wireless equipments.

Expandable Indoor & Outdoor Wi-Fi System up to 16 APs

Office
Utility Room
OAP1300 Office +1 Add-On AP
Warehouse
Office 1-2-3 Master AP
Office 1-2-3 Slave AP
Reception Room
Office
Parking Lot
Office 1-2-3 Slave AP
CAP1300 Office +1 Add-On AP
OAP1300 Office +1 Add-On AP
Meeting Room

OFFICE 1-2-3 ○ Office Wi-Fi System with 3-pack Access Point

OFFICE +1 ○ Add-on Access Point for Office 1-2-3

Choice of Network Management

Model No.	APC500	NMS	OFFICE 1-2-3
Where to Use	For SMB/SME Level	For Small Project and Offices	For Small Business and Offices
Highlight	· Manages up to 200 Edimax Pro APs · Stand-Alone Box · Centralized & Remote Management · Support Gigabit Ports and USB 3.0 · Built-in Radius Server	· Manages up to 8 or 16 Edimax Pro APs (One Master AP Manages Other APs) · Free, Built-in with Edimax Pro CAP/WAP/CAX Series and OAP1750 AP · AP Array Architecture · Built-in Radius Server, No Need for Extra Server and Hardware Controller	· Manages up to 16 Office 1-2-3 series APs (One Master AP Manages Other APs) · Free, Built-in with Office 1-2-3 series AP.
Applied Models	All Edimax Pro APs (excluded CAX1800)	All Edimax Pro APs (Built-in with CAP/WAP/CAX series and OAP1750 APs)	All Office 1-2-3 series APs Only

Robust Industrial Managed Switch
Durable, Reliable, Flexible & Smart Network
for Harsh Environments

Certified to withstand harsh environment and provides reliable network connection, the industrial switch is ideal for industrial networks such as automotive, factory automation, oil and gas, mining, military, transportation, substation, energy and outdoor applications of railways, roads, tunnels, smart cities, city surveillance and traffic monitoring.

Industrial-Grade

IEC Certified
• Vibration
• Shock
• Free Fall
• EMC & EMS

Certified Ruggedized Design

High/Low Temperature Resistance

Reliable Dual Redundancy

IGS-5416P, IGS-5408P, IGS-5208

Model No.	IGS-5416P	IGS-5408P	IGS-5208
	Gigabit Ethernet		
	16-Port	8-Port	
Description	Industrial 16-Port Gigabit PoE+ Web Managed Switch with 4 SFP Slots	Industrial 8-Port Gigabit PoE+ Web Managed Switch with 4 SFP Slots	Industrial 8-Port Gigabit Web Managed Switch with 2 SFP Slots
Hardware			
10/100/1000Base-T	16	8	8
SFP/SFP+ Slot	4 x SFP	4 x SFP	2 x SFP
PoE Port	8	8	-
Console Port	v	v	v
USB Port	1x USB 2.0 storage for firmware update, configuration backup, restore, boot up and system log		
DI/DO	DI x 1, DO x 1	DI x 1, DO x 1	DI x 1, DO x 1
Power Redundancy	Redundant Dual DC 48V-57V	Redundant Dual DC 48V-57V	Redundant Dual DC 12V-48V
Reserve Polarity Protection	v	v	v
Overload Current Protection	v	v	v
Alarm Contact	1A@24VDC	1A@24VDC	1A@24VDC
Housing	Ruggedized aluminum alloy case, IP30-rated		
Operation Temperature Range	-40 ~ 75ºC	-40 ~ 75ºC	-40 ~ 75ºC
MTBF (Mean Time Between Failure)	>100,000 hours	>100,000 hours	>100,000 hours
Fan Type	Fanless	Fanless	v
Performance			
Switching Capacity	40Gbps	24Gbps	24Gbps
Packet Buffer, bit	12M bit	12M bit	12M bit
MAC Address	16K	16K	16K
Jumbo Frame, Bytes	16K	16K	16K
Forwarding Rate	29.76Mpps	17.856Mpps	17.856Mpps
PoE Power Management			
Power Budget Management UI	v	v	-
PD Alive Check	v	v	-
PoE Scheduling	v	v	-
Total PoE Power Budget	240W	240W	-
Management			
Web Based Management	v	v	v
Telnet	v	v	v
SNMP (v1/v2c/v3)	v	v	v
Physical			
Dimension (LxWxH)	90.8 x 145 x 113 mm	72.2 x 145 x 113 mm	72.2 x 145 x 113 mm
Mounting Type	DIN-Rail	DIN-Rail	DIN-Rail
Certification & Standard			
Vibration, Shock, Free-Fall	IEC60068-2-6, IEC60068-2-27, IEC60068-2-32		
EMC	61000-6-2, 61000-6-4	61000-6-2, 61000-6-4	61000-6-2, 61000-6-4
EMS	IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)		
EMI	CE , FCC	CE , FCC	CE , FCC
Standards	IEEE 802.1Q VLAN, IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP, IEEE 802.3ad LACP, IEEE 802.1AB LLDP, ITU-T G.8032/Y.1344 ERPS		

◎ 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.

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