EDIMAX

PRODUCT GUIDE

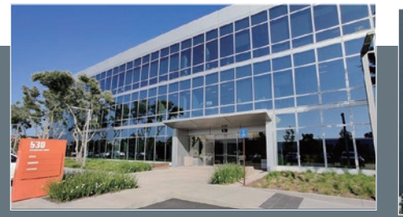
2025

- Wireless Adapter
- Network Switch
- Accessory

www.edimax.com

YOUR TRUSTWORTHY NETWORKING PARTNER

EDIMAX Technology, a worldwide leading brand - EDIMAX, is dedicated to designing, developing, and manufacturing smart networking solutions for business and home. Over 35 years of dedication and a worldwide footprint, the company provides superior solutions that combine the latest and best-fitting technology with customer needs. 20 branch offices and service centers around the world offer direct, real-time services and support to more than 300 partners across 70 countries. With ISO 9000/14000/27001 certifications, global winning product design awards and recognized by Interbrand as one of the top 35 global Taiwanese brands, the company consistently delivers advanced, in-class networking solutions and services based on its core values of Quality, Service, Innovation and Integrity (QSII).



USA Regional Headquater
California

European Regional Headquarter
The Netherlands

Corporate Headquater
Taipei, Taiwan

Headquarters	*Employees*	*R & D Manpower*
3	1500+	35%

Branches & Service Centers	*Distributors & Partners*
20+	300+

Why EDIMAX?

- World's leading networking solution provider
- Award-winning products and solutions, including iF Design, Reddot Award, Taiwan Excellence Awards, etc.
- Over 35 years R&D, manufacturing & marketing experiences
- A global brand with local services and in-house R&D team
- A proven track record of successful use cases
- Excellence cost-performance ratio and affordable solutions

TAIWAN EXCELLENCE 2025

reddot award 2015 winner

DESIGN AWARD 2017

ICT Month Innovative Elite 2014 Golden Awards

COMPUTEX d&i awards 2016

BC Best Choice AWARD

Best Choice

Embedded Wireless Solution

EDIMAX offers an one-stop service for diverse industries with customer-centric designed wireless adapters including Wi-Fi Adapters, Bluetooth Adapters and Wi-Fi + Bluetooth Combo Adapters. In order to address the IIoT, AIoT market, EDIMAX embedded wireless solution has been integrated with different types of embedded platforms for data acquisition.
By enabling the embedded system with wireless functions to connect the Internet/ Intranet wireless network, you will no longer need to spend excessively on R&D resources and time. EDIMAX has more than 35 years experiences for providing networking products and expect the industrial-grade Wi-Fi USB Adapter, EDIMAX offers various wireless USB adapters. With the professional hardware and software design teams, EDIMAX makes integration easily and simplified the process to advance your devices to the next level with wireless connectivity.

Indsutrial 4.0

Industrial IoT Devices, Factory Automation Robot, Portable RFID Reader, Barcode Scanner, People Counter, Receipt Machine, etc.

Smart Agriculture

Autonomous Robots, Drones or UAVs, Sensors and the IoT from Temperature, Water Level, Water Pressure, Solar Radiation, Leaf Moisture, Stem Diameter, etc.

Healthcare

Glucometer, Thermometer, Sphygmomanometer, Oximeter, Diagnostic Devices, Microscope, etc.

Lifestyle

Commercial Air Purifier, Drone, Business Printer, Coffee System, Creative Robots, Golf Swing Analyzers, Smart Home Appliances, etc.

EDIMAX, your Trustworthy Networking Partner

1 Quality Like No Other

2 Custom Build for The Right Fit

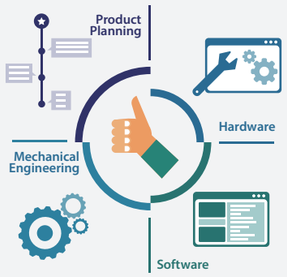
3 World Class Certifications

4 Short Time-To-Market

1 Quality Like No Other

Strong R&D

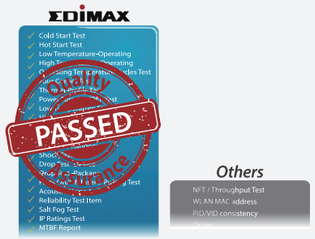
Dedicated R&D team, fully focused on function, performance and quality.



Reliability

Strict product reliability tests help uncover flaws in system design and functionality.

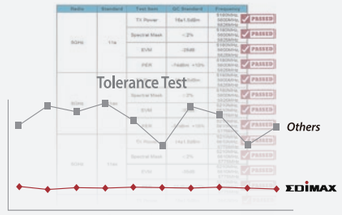
- *>30 Quality Assurance Testing Items*
- *5 Times Testing Items than Others*



Consistency

Dedicated R&D team, fully focused on function, performance and quality.

- *Low Tolerance to Meet High Quality Consistency*
- *Strict Quality Control During and After Production*



2 Custom Build for The Right Fit

Full Range Solution

- Wi-Fi 4/5/6/7 or Bluetooth
- Wi-Fi & Bluetooth Combo
- Ultra Small or Other Sizes
- Normal or Harsh Environment Use

Design-in Service

- Up-to-date Driver
- RF Certification
- Optimal Antenna Design
- Wireless System Performance Tuning

Mass Customization

- Laser Printing Customization
- Flexible Bulk Package for Saving Shipping Cost
- Modulated Design

3 World Class Certifications

EDIMAX has approval for more than 35 different countries or regions regulation certification experiences. With this international multi-country certification experiences, EDIMAX can assist to get the certification upon request to shorten the product launch schedule and also save the huge application cost.

4 Short Time-To-Market

Inquiry

- Wireless Requirement: Wi-Fi, Bluetooth, Combo
- OS Platform
- OS Version
- Certification Requirement

Production

- World's Leading Networking Solution Provider / Manufacturer
- ISO 9001 & ISO 14000 Certified
- Mass Production Process with Total Quality Management (TQM)
- Fast and Flexible Service

QC & RF Certification

- Reliability Test
- Performance Test
- Quality Assurance
- Certified in 30+ Countries and Regions

Product Selection

- Specification Version
  Wi-Fi 4/5/6/7 (802.11 be/ax/ac/a/b/g/n)
  Bluetooth or Combo
  Dual-band
- Throughput
- Form size
- High Gain/Long Range
- High Efficiency
- Operating Temperature

System Performance Check

- Owned Labs
- Driver Integration
- Wireless Performance
- Throughput
- Transmission Power
- Receive Sensitivity
- Radiation Pattern
- Functionality

Technologies Incorporated EDIMAX Wi-Fi Adapters

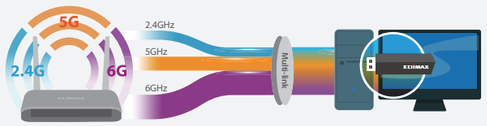
Wi-Fi Generations of EDIMAX Wi-Fi Adapter

	Wi-Fi 7 (7 BE)	Wi-Fi 6 (6 AX)	Wi-Fi 5 (5 AC)	Wi-Fi 4 (4 N)
IEEE Standard	802.11be	802.11ax	802.11ac	802.11n
Bands	6GHz 5GHz 2.4GHz	5GHz 2.4GHz	5GHz 2.4GHz	2.4GHz
Channel Size	Up to 160MHz	Up to 80MHz	Up to 80MHz	Up to 40MHz
Modulation	4096-QAM OFDMA	10240-QAM OFDMA	256-QAM OFDM	64-QAM OFDMA
MIMO	MU-MIMO	MU-MIMO	MU-MIMO	-
RU	Multi-RUs	RU	-	-
MLO	eMLSR mode	-	-	-

1 MLO (Multi-link operation)

Multi-link operation (MLO) breaks frequency barriers and enables devices send and receive data across multiple bands simultaneously. With eMLSR (enhanced Multi-Link-Single-Radio) mode, dynamically switch between 2.4GHz, 5GHz, and 6GHz bands for ultra-stable, high-speed connections, even during peak traffic. Enjoy smooth video calls, gaming, and streaming.

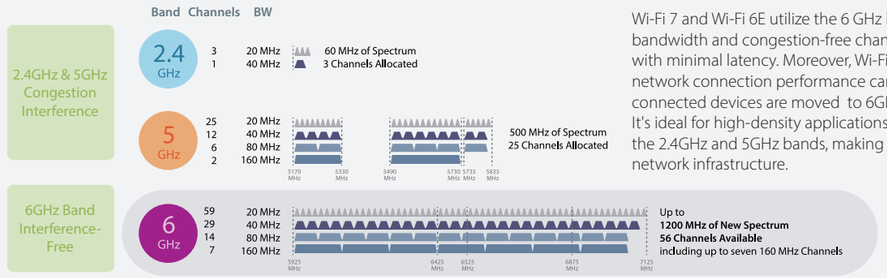
eMLSR WLAN clients with a radio module can automatically switch between the better quality frequency bands available, which ensures fewer connection interruptions and therefore more stable, consistent WLAN connectivity, especially in radio environments with high signal density.



2 4K-QAM

Wi-Fi 7 increases the modulation rates to improve peak data rates. IEEE 802.11be standard uses 4K-QAM (4096-Quadrature Amplitude Modulation) with a peak data rate that is 20% higher than the peak data rate in the 1024-QAM (802.11ax standard). 4K-QAM used in Wi-Fi 7 encodes 12-bits of data per subcarrier, while 1024-QAM used in Wi-Fi 6 encodes 10-bits of data per subcarrier.
4K-QAM technology, boosting data efficiency by 20% compared to Wi-Fi 6 1024-QAM. With tighter data compression, it delivers faster, more efficient transfers, letting you move more data with less bandwidth.

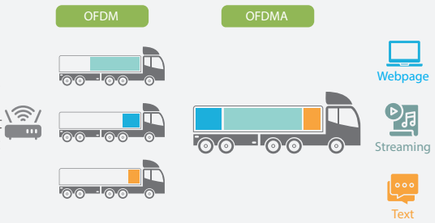
3 6GHz Band



Wi-Fi 7 and Wi-Fi 6E utilize the 6 GHz band to provide exceptional bandwidth and congestion-free channels to build a reliable network with minimal latency. Moreover, Wi-Fi 2.4GHz and 5GHz devices network connection performance can be improved because the connected devices are moved to 6GHz band.
It's ideal for high-density applications and helps ease congestion in the 2.4GHz and 5GHz bands, making it perfect for mission-critical network infrastructure.

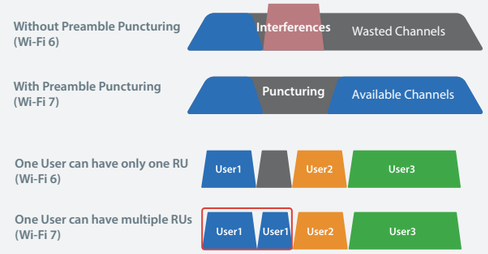
4 OFDMA

Wi-Fi 7 and Wi-Fi 6/6E utilize orthogonal frequency division multiple access (OFDMA). This is a fundamental change to the way that Wi-Fi operates. In previous OFDM-based Wi-Fi standards, bandwidth could be increased, but a user transmission would take the full channel for each transmission whether or not there was enough data to fill the bandwidth of the entire channel. By contrast, in OFDMA the channel is divided into sub-channels called resource units (RUs). Each RU is made of a pre-defined number of subcarriers, and to be assigned to a different client station. The size and number of RUs allocated to each station is determined by the access point (AP), based on the data transmission requirements of each station.
OFDMA technology allows many low-bandwidth streams to transmit in parallel, reducing latency and jitter especially in congested environments.



5 Multi-RU & Preamble Puncturing

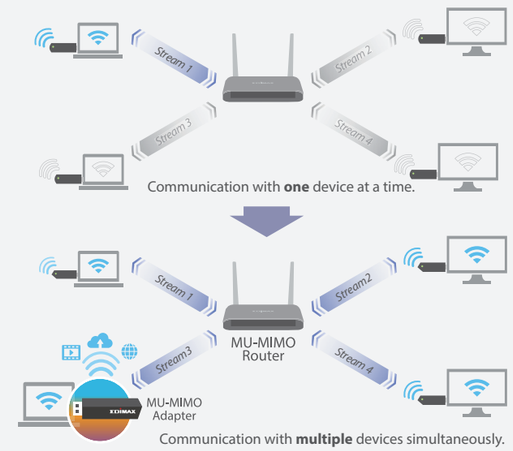
OFDMA allows sub-carriers in a channel bandwidth to be grouped into smaller portions called "Resource Units," (RUs).
Multi-RU technology allows devices to utilize multiple RUs simultaneously by leveraging "Preamble Puncturing "technology. This intelligent resource allocation technology allows access points to "carve out" or "puncture" a portion of channel width that is affected by interference, resulting in the remaining channel being used for data transmission and eliminates bandwidth waste.



In Wi-Fi 6, access points assign only a single RU to each wireless client; some portions of the spectrum (or RUs) might be left unused and be wasted. The big difference in Wi-Fi 7 is it allows multiple resource units (Multi-RUs) to be assigned to each wireless client and the restriction of 1 RU per client is removed. This helps in increasing spectral efficiency.

6 MU-MIMO

MU-MIMO technology, Stands for Multiple User – Multiple Input Multiple Output, can improve your network capacity and efficiency by allowing Wi-Fi to communicate with multiple devices simultaneously. This decreases the time each Wi-Fi device has to wait to send or receive data from the Internet, as a result facilitating higher speeds and lower latency.



7 WPA3- Enterprise Authentication

By using a 192-bit encryption key, the WPA3-enterprise can protect user passwords from attacks and more. With high-level security encryption, the Wi-Fi adapter offers double-layer protection for your wireless connection. Data transactions are fully encrypted for worry-free browsing, while enterprise-level security ensures the highest protection for sensitive information.

Comparison Item	WPA3-Enterprise	WPA3-Personal	WPA2
Encryption Method	AES-CCMP + 192-bit security suite	AES-CCMP + SAE	AES-CCMP
Authentication	802.1X + EAP (Stronger authentication)	SAE (Simultaneous Authentication of Equals)	PSK (Pre-Shared Key)
Security	Stronger encryption and authentication, suitable for enterprises	Prevents offline dictionary attacks, improves security	Relatively weak, vulnerable to dictionary attacks
Forward Secrecy	Yes (Stronger protection mechanisms)	Yes	No
Minimum Password Requirement	Enterprise-grade authentication, no PSK (Pre-Shared Key)	Requires stronger passwords to prevent weak password attacks	No specific requirement
Encryption Strength	192-bit AES	128-bit AES	Vulnerable to KRACK attacks and dictionary attacks
Attack Prevention Mechanisms	Stricter authentication and encryption	Prevents dictionary attacks, improves connection protection	Vulnerable to KRACK attacks and dictionary attacks
Encryption Strength	Requires devices that support the 192-bit security suite	Requires devices that support SAE	Widely supported by older devices
Use Case	Enterprises, government, confidential institutions, medical equipment	Home, SOHO (Small Office/Home Office)	Home, enterprise (with 802.1X)

Solution	Product Map	Selection Guide	Specifications		
			Wi-Fi	Bluetooth	Wi-Fi + Bluetooth

Wi-Fi Adapter

	WiFi Generation	Antenna Type	3T3R	2T2R	1T1R
Wi-Fi	Wi-Fi 7	Internal		EW-7822UBE P14 EW-7822UN7 P14	
	Wi-Fi 6	Internal		EW-7822UMX P14	
	Wi-Fi 5	Internal		EW-7822ULC P16 EW-7822UTC P16	EW-7811ULC P16 EW-7811UTC P16 IEW-7811UTC P16
		External	EW-7833UAC P14	EW-7822UAC P14 EW-7822UAD P14	EW-7811UAC P14 EW-7811DAC P14
	Wi-Fi 4	Internal		EW-7722UTn V3 P16	EW-7811Un V2 P16

Solution	Product Map	Selection Guide	Specifications		
			Wi-Fi	Bluetooth	Wi-Fi + Bluetooth

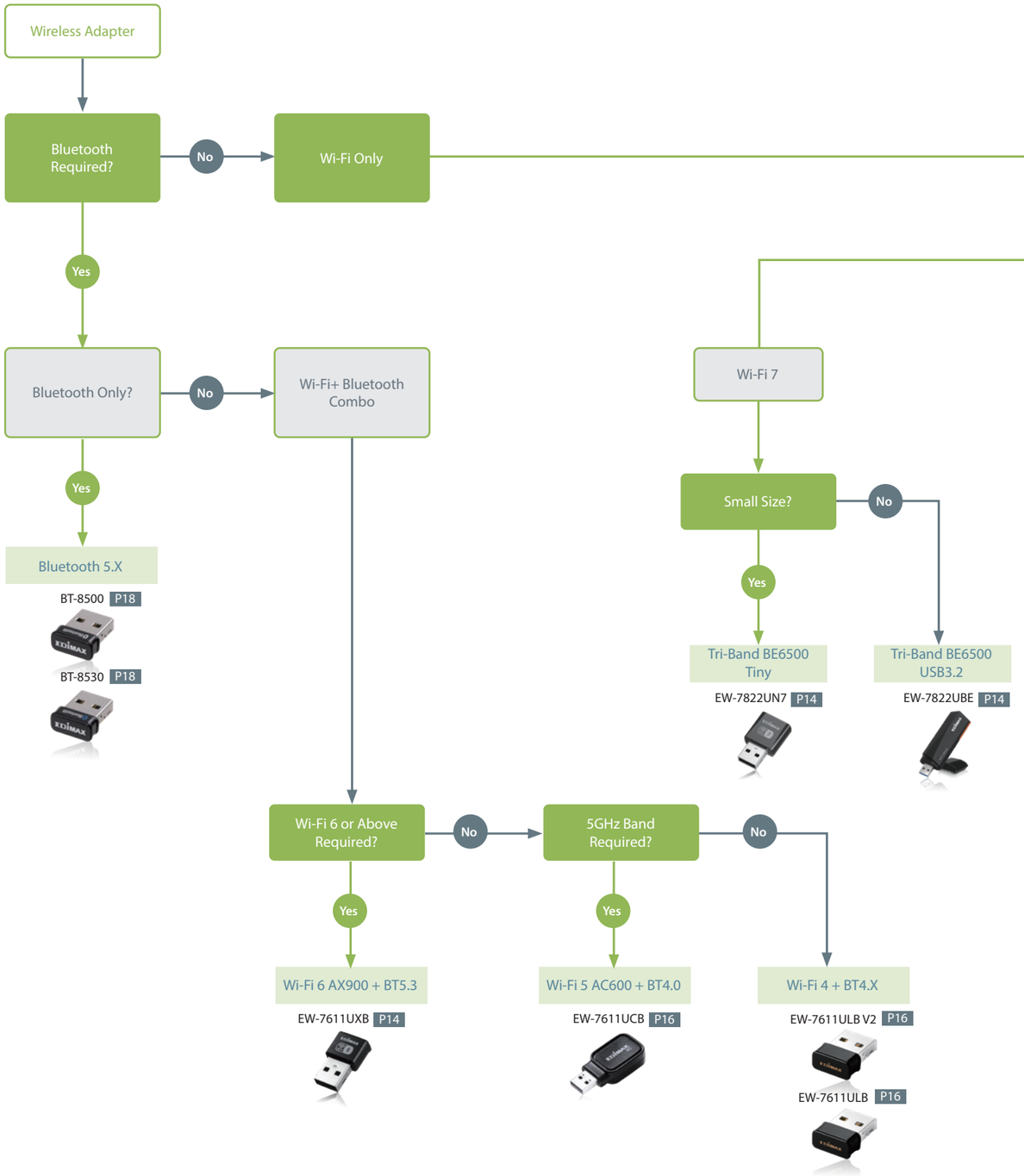
Bluetooth Adapter

	WiFi Generation	BT5.x	BT4.x
Bluetooth + Wi-Fi	Wi-Fi 6	EW-7611UXB P14	
	Wi-Fi 5		EW-7611UCB P16
	Wi-Fi 4		EW-7611ULB P16 EW-7611ULB V2 P16
Bluetooth		BT-8530 P18 BT-8500 P18	

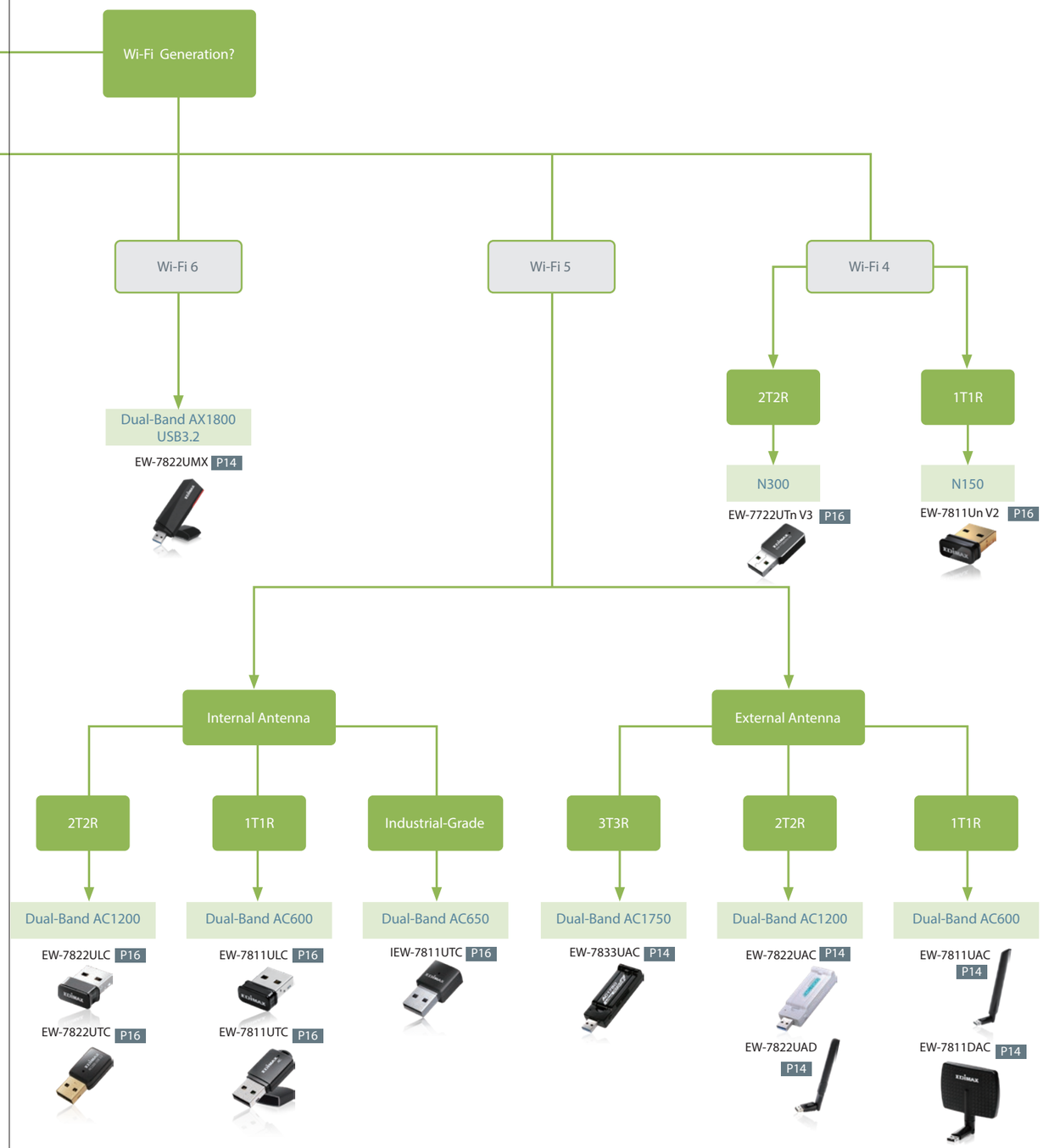
Wireless Adapter
Embedded Wireless Adapter Driver Supported List

Solution | Product Map | Selection Guide | Specifications: Wi-Fi | Bluetooth | Wi-Fi + Bluetooth

Model Type	Model Name	chipset	Win7/8.1	Win 10/11	Win 10 pro/ Win 10 IoT/ Win 10 Enterprise	Win 11 pro/ Win 11 IoT/ Win 11 Enterprise	Linux		Pi	Android										macOS
							Fedora & Ubuntu	Mint 21.2 Cinnamon	Raspbian 6.1.24 network manger 1.30.6-1	JB_4.2	KK_4.4	L_5.x	M_6.x	N_7.0	O_8.0	P_9.x	10.x	11.x	12.x	13.x	10.x
Wi-Fi										Wi-Fi										
BE6500	EW-7822UBE	RTL8912AU																		
	EW-7822UN7	RTL8912AU		v																
AX900+ BT5.3	EW-7611UXB	RTL8851BU		v			Fedora: 4.13.9~6.5.0 Ubuntu : 5.15.0~6.6.1 Linux kernel BT : 2.6.32 ~5.17 Wi-Fi : 3.13 ~ 6.6								v	v	v	v	v	v	
AX1800	EW-7822UMX	RTL8832BU		v			Fedora: 4.0~5.3 Ubuntu :4.15~5.11 Kernel :3.13~5.17		v						v	v	v	v	v	v	
AC1750	EW-7833UAC	RTL8814AU	v	v	Plug & Play	Plug & Play	Fedora: 3.6.10~5.0.9 Ubuntu :4.8.0~5.1.0 Kernel : 5.3 - 6.1				v	v			v	v					v
AC1200	EW-7822UAC	RTL8812AU	v	v	Plug & Play	Plug & Play	Fedora: 4.0~5.11 Ubuntu: 4.4~5.11 Kernel: 5.12 - 6.1				v		v	v	v	v	v	v			v
	EW-7822UAD	RTL8812BU	v	v	Plug & Play	Plug & Play	Fedora : 4.19~6.5.6 Ubuntu: 4.18.0~5.8.0 Kernel: 5.12 - 6.2		v	v	v	v	v	v	v						v
	EW-7822UTC	RTL8812BU	v	v	Plug & Play	Plug & Play	Fedora : 4.19~6.5.6 Ubuntu: 4.18.0~5.8.0 Kernel: 5.12 - 6.2		v	v	v	v	v	v	v	v	v	v			v
	EW-7822ULC	RTL8812BU	v	v	Plug & Play	Plug & Play	Fedora : 4.19~6.5.6 Ubuntu: 4.18.0~5.8.0 Kernel: 5.12 - 6.2		v	v	v	v	v	v	v	v	v	v			v
AC600	EW-7611UCB	RTL8821AU	v	v	Plug & Play	Plug & Play	Linux kernel BT: 2.6.32 ~ 5.2 WiFi: 2.6.32 ~ 5.2	Kernel 5.15 BT: Plug & Play	v	BT Only	BT Only	BT Only	BT Only	BT Only	BT Only	BT Only	BT Only				v
	EW-7811UTC	RTL8811AU	v	v	Plug & Play	Plug & Play	Fedora: 3.11~5.11 Ubuntu: 4.15.0~5.11 Kernel: 2.6.18 ~5.18		v	v	v	v	v	v	v	v	v	v			v
	EW-7811UAC	RTL8811AU	v	v	Plug & Play	Plug & Play	Fedora: 3.11~5.11 Ubuntu: 4.15.0~5.11 Kernel: 2.6.18 ~5.18		v	v	v	v	v	v	v	v	v	v			
	EW-7811DAC	RTL8811AU	v	v	Plug & Play	Plug & Play	Fedora: 3.11~5.11 Ubuntu: 4.15.0~5.11 Kernel: 2.6.18 ~5.18		v	v	v	v	v	v	v	v	v	v			
	EW-7811ULC	RTL8811CU		v			Fedora: 4.5.5~5.11.12 Ubuntu: 4.15.0~5.11.0 Linux Kernel 5.12 - 6.1		v	v	v	v	v	v	v	v	v	v			
AC650	IEW-7811UTC EW-7811WTC	RTL8811CU					Fedora: 3.11~5.11 Ubuntu: 4.15.0~5.11 Linux Kernel: 5.12~6.1		v	v	v	v	v	v	v	v	v	v			
N300	EW-7722UTn V3	RTL8192FU					Fedora :3.11.10~6.5.6 Ubuntu: 3.8.0~5.8.0 Linux Kernel: 2.6.18~ 5.13			v	v	v	v	v	v	v	v	v			v
N150	EW-7811Un V2	RTL8188EUS	v	v	Plug & Play	Plug & Play	Fedora : 3.11.10~6.5.6 Ubuntu : 3.8.0~5.4.0 Kernel 2.6.18~5.15	Kernel 5.15 WiFi: Plug & Play	v		v	v	v	v	v	v					v
N150	EW-7611ULB	RTL8723BU	v	v	Plug & Play	Plug & Play	Linux Kernel: 2.6.32~6.5.6	Kernel 5.15 BT: Plug & Play	v		v	v	v	v	v	v					v
N150	EW-7611ULB V2	RTL8723DU	v	v	Plug & Play	Plug & Play	Fedora : 4.5~6.5.6 Ubuntu : 4.4~5.11 Linux Kernel: 4.4 ~ 6.2				v	v	v	v	v	v	v	v			
Bluetooth			Bluetooth							Bluetooth										
Bluetooth 5.0	BT-8500	RTL8761BUV	Win8.1 Only	v	Plug & Play	Plug & Play	Fedora : 4.13.9~5.17.5 Ubuntu : 3.19~5.8 Linux Kernel: 2.6.32 - 6.2														
Bluetooth 5.4	BT-8530	RTL8761CUV		v	Plug & Play	Plug & Play	Fedora : 4.13.9~5.17.5 Ubuntu : 3.19~5.8 Linux kernel: 2.6.32 ~~6.5.5														


Wireless Adapter
Bluetooth Required?
No
Wi-Fi Only
Yes
Bluetooth Only?
No
Wi-Fi+ Bluetooth Combo
Yes
Bluetooth 5.X
BT-8500 P18
BT-8530 P18
Wi-Fi 6 or Above Required?
No
5GHz Band Required?
No
Yes
Wi-Fi 6 AX900 + BT5.3
EW-7611UXB P14
Yes
Wi-Fi 5 AC600 + BT4.0
EW-7611UCB P16
Wi-Fi 4 + BT4.X
EW-7611ULB V2 P16
EW-7611ULB P16

Wi-Fi 7
Small Size?
No
Yes
Tri-Band BE6500 Tiny
EW-7822UN7 P14
Tri-Band BE6500 USB3.2
EW-7822UBE P14


Wi-Fi Generation?
Wi-Fi 6
Dual-Band AX1800 USB3.2
EW-7822UMX P14
Wi-Fi 5
Wi-Fi 4
2T2R
N300
EW-7722UTn V3 P16
1T1R
N150
EW-7811Un V2 P16
Internal Antenna
External Antenna
2T2R
Dual-Band AC1200
EW-7822ULC P16
EW-7822UTC P16
1T1R
Dual-Band AC600
EW-7811ULC P16
EW-7811UTC P16
Industrial-Grade
Dual-Band AC650
IEW-7811UTC P16
3T3R
Dual-Band AC1750
EW-7833UAC P14
2T2R
Dual-Band AC1200
EW-7822UAC P14
EW-7822UAD P14
1T1R
Dual-Band AC600
EW-7811UAC P14
EW-7811DAC P14

Wi-Fi USB Wi-Fi Series

a b g n ac ax be 802.11

EDIMAX offers a complete Wi-Fi product line, covering different Wi-Fi generations (from Wi-Fi 4, Wi-Fi 5, and Wi-Fi 6 to Wi-Fi 7), various types, diverse functionalities, and multiple operating systems—all in one comprehensive solution.
EDIMAX embedded solution can be integrated with different types of wireless data acquisition solutions and provides an one-stop service for diverse industries with customer-centric designed wireless adapters.

Model #	Wi-Fi 7	Wi-Fi 6	Wi-Fi 5	Wi-Fi 4
	EW-7822UBE EW-7822UN7	EW-7822UMX ------ EW-7611UXB (Wi-Fi +BT)	EW-7833UAC EW-7822UAC EW-7822UAD EW-7811UAC EW-7811DAC EW-7822ULC EW-7822UTC EW-7811ULC EW-7811UTC IEW-7811UTC ------ EW-7611UCB (Wi-Fi + BT)	EW-7722UTn V3 EW-7811Un V2 ------ EW-7611ULB EW-7611ULB V2 (Wi-Fi + BT)

EW-7822UBE

BE 6500 7
6GHz 2880Mbps
5GHz 2880Mbps
2.4GHz 688Mbps
Key Features
Bult-in Driver | Tri-Band | MLO | 4K-QAM | Multi-RU | WPA3-Enterprise | USB3.2 Gen1 | USB Cradle

EW-7822UN7

BE 6500 7
6GHz 2880Mbps
5GHz 2880Mbps
2.4GHz 688Mbps
Key Features
Bult-in Driver | Tri-Band | MLO | 4K-QAM | Multi-RU | WPA3-Enterprise

EW-7822UMX

AX 1800 6
5GHz 1201Mbps
2.4GHz 573Mbps
Key Features
USB3.2 Gen1 | OFDMA | MU-MIMO

EW-7611UXB

AX 900 6
5GHz 600Mbps
2.4GHz 278Mbps
Key Features
OFDMA | MU-MIMO | WPA3-Enterprise | BT 5.3

EW-7833UAC

AC 1750 5
5GHz 1300Mbps
2.4GHz 450Mbps
Key Features
180 ° foldable antenna | MU-MIMO | 3T3R Hi-performance | USB3.2 Gen1 | Support macOS | WPS

EW-7822UAC

AC 1200 5
5GHz 867Mbps
2.4GHz 300Mbps
Key Features
180 ° foldable antenna | MU-MIMO | USB3.2 Gen1 | Support macOS | WPS

EW-7822UAD

AC 1200 5
5GHz 867Mbps
2.4GHz 300Mbps
Key Features
Hi-gain antennas | USB3.2 Gen1 | Support macOS | WPS

EW-7811UAC

AC 600 5
5GHz 433Mbps
2.4GHz 150Mbps
Key Features
Hi-gain antennas | Support macOS | WPS | USB Cradle

EW-7811DAC

AC 600 5
5GHz 433Mbps
2.4GHz 150Mbps
Key Features
Hi-gain Directional antenna | Support macOS | WPS | USB Cradle




	EW-7822UBE	EW-7822UN7	EW-7822UMX	EW-7611UXB
	Wi-Fi 7		Wi-Fi 6	
Data Rate (Max.)	2.4GHz:688Mbps 5GHz:2880Mbps 6GHz:2880Mbps	2.4GHz:688Mbps 5GHz:2880Mbps 6GHz:2880Mbps	2.4GHz:573Mbps 5GHz:1201Mbps	2.4GHz:278Mbps 5GHz:600Mbps Note: WiFi 6 + BT 5.3
Antenna	2T2R 2* Internal PIFA	2T2R 2* Internal PIFA	2T2R 2 *Internal Dipole	1T1R 1*Internal PIFA
	2.4GHz: 1.4 and 1.2 dBi 5GHz: 3.5 and 3.5 dBi 6GHz: 3.6 and 3.1 dBi	2.4GHz: 1.5 and 0.8 dBi 2.4GHz: 1.3 and 1.3 dBi 6GHz: 2.8 and 2.7 dBi	2.4GHz: 3.6 and 3.1 dBi 5GHz: 4.5 and 5.6 dBi	2.4GHz: 3 dBi 5GHz: 3.4 dBi
USB Standards	USB3.2 Gen1	USB2.0	USB3.2 Gen1	USB2.0
Security	WPA3-enterprise, WPA3-SAE, 802.1x		WPA3-SAE 802.1x	WPA3-enterprise, WPA3-SAE, 802.1x
Certifications	CE (EU) FCC (USA) SRRC (China)	CE (EU) FCC (USA) SRRC (China)	CE (EU) FCC (USA) SRRC (China) IC (Canada) NCC/BSMI (Taiwan)	CE (EU) FCC (USA) NCC/BSMI(Taiwan) SRRC (China)





	EW-7833UAC	EW-7822UAC	EW-7822UAD	EW-7811UAC	EW-7811DAC
	Wi-Fi 5				
Data Rate (Max.)	2.4GHz:450Mbps 5GHz:1300Mbps	2.4GHz:300Mbps 5GHz:867Mbps	2.4GHz:300Mbps 5GHz:867Mbps	2.4GHz:150Mbps 5GHz:433Mbps	2.4GHz:150Mbps 5GHz:433Mbps
Antenna	3T3R 2* Internal PIFA + 1* External	2T2R 1* Internal Monopole + 1* External	2T2R 2* External Dipole	1T1R 1* External Dipole	1T1R 1* External Directional
	2.4GHz: 3.04 and 3.78 dBi 5GHz: 3.69 and 4.84 dBi External 5GHz: 3.41 dBi 2.4GHz: 4.74 dBi	2.4GHz: 2 dBi 5GHz: 2 dBi External 5GHz: 2 dBi 2.4GHz: 2 dBi	2.4GHz: 1.32 and 2.09 dBi 5GHz: 2.8 and 4.37 dBi	2.4GHz: 4 dBi 5GHz: 6 dBi	2.4GHz: 4.2 dBi 5GHz: 7.1dBi
USB Standards	USB3.2 Gen1	USB3.2 Gen1	USB3.2 Gen1	USB2.0	USB2.0
Security	WPA3-SAE, 802.1x				
Certifications	CE (EU) FCC (USA) MIC (Japan) IMDA (Singapore) SRRC (China)	CE (EU) FCC (USA) IC (Canada) IMDA (Singapore) WPC(India) SRRC (China)	CE (EU) FCC (USA) SRRC (China) NCC/BSMI (Taiwan)	CE (EU) FCC (USA) IC (Canada) SRRC (China)	CE (EU) FCC (USA) IC (Canada) SRRC (China) NCC/BSMI (Taiwan)

Wi-Fi USB — Wi-Fi Nano Series

a b g n ac ax be 802.11

EDIMAX offers a complete Wi-Fi product line, covering different Wi-Fi generations (from Wi-Fi 4, Wi-Fi 5, and Wi-Fi 6 to Wi-Fi 7), various types, diverse functionalities, and multiple operating systems—all in one comprehensive solution.
EDIMAX embedded solution can be integrated with different types of wireless data acquisition solutions and provides an one-stop service for diverse industries with customer-centric designed wireless adapters.

	Wi-Fi 7	Wi-Fi 6	Wi-Fi 5	Wi-Fi 4
Model #	EW-7822UBE EW-7822UN7	EW-7822UMX ------ EW-7611UXB (Wi-Fi + BT)	EW-7822ULC EW-7822UTC EW-7811ULC EW-7811UTC IEW-7811UTC ------ *EW-7611UCB (Wi-Fi + BT)	EW-7722UTn V3 EW-7811Un V2 ------ EW-7611ULB EW-7611ULB V2 (Wi-Fi + BT)

EW-7822ULC

5GHz 867Mbps
2.4GHz 300Mbps
AC 1200 Wi-Fi 5
Key Features: World-wide Certifications | Support macOS | WPA3-SAE | 803.1x

EW-7822UTC

5GHz 867Mbps
2.4GHz 300Mbps
AC 1200 Wi-Fi 5
Key Features: USB3.2 Gen1 | OFDMA | MU-MIMO | Support macOS | WPS | WPA3-SAE

EW-7811ULC

5GHz 433Mbps
2.4GHz 200Mbps
AC 650 Wi-Fi 5
Key Features: WPA3-SAE | 802.1x

EW-7811UTC

5GHz 433Mbps
2.4GHz 150Mbps
AC 600 Wi-Fi 5
Key Features: WPA3-SAE | 802.1x | Support macOS

IEW-7811UTC

5GHz 433Mbps
2.4GHz 200Mbps
AC 650 Wi-Fi 5
Key Features: Wide-temperature Range: -20~75°C | WPA3-SAE | 802.1x

EW-7611UCB

5GHz 433Mbps
2.4GHz 150Mbps
AC 600 Wi-Fi 5
Bluetooth
Key Features: WPS | WPA3-SAE | 802.1x | Support macOS | BT 4.0

EW-7722UTn V3

2.4GHz 300Mbps
N 300 Wi-Fi 4
Key Features: WPA3-SAE | 802.1x | Support macOS

EW-7811Un V2

2.4GHz 150Mbps
N 300 Wi-Fi 4
Key Features: WPA3-SAE | 802.1x | Support macOS

EW-7611ULB

2.4GHz 300Mbps
N 150 Wi-Fi 4
Bluetooth
Key Features: World- class Certification | WPA3-SAE | 802.1x | Support macOS | BT 4.0

EW-7611ULB V2

2.4GHz 150Mbps
N 150 Wi-Fi 4
Bluetooth
Key Features: WPA3-SAE | 802.1x | Support macOS | BT 4.2

	EW-7822ULC	EW-7822UTC	EW-7811ULC	EW-7811UTC	IEW-7811UTC	EW-7611UCB
	Wi-Fi 5					
Data Rate (Max.)	2.4GHz: 300Mbps 5GHz: 867Mbps	2.4GHz:300Mbps 5GHz:867Mbps	2.4GHz: 200Mbps 5GHz :433Mbps	2.4GHz:150Mbps 5GHz:433Mbps	2.4GHz: 200Mbps 5GHz :433Mbps	2.4GHz: 150Mbps 5GHz: 433Mbps
Antenna	2T2R 2* Internal Monopole	2T2R 2 *Internal Dipole	1T1R 1*Internal PIFA			
	2.4GHz: 1.8 and 0.36 dBi 5GHz: 3.5 and 3.5 dBi	2.4GHz: 2.48 and 2.5 dBi 5GHz: 2.89 and 3.3 dBi	2.4GHz: 0.98 dBi 5GHz: 3.93 dBi	2.4GHz: 2 dBi 5GHz: 4 dBi	2.4GHz: 1.8 dBi 5GHz: 2.5 dBi	2.4GHz: 2 dBi 5GHz: 3 dBi
USB Standards	USB2.0	USB3.2 Gen1	USB2.0			
Security	WPA3-SAE, 802.1x					
Certifications	CE (EU) FCC (USA) IC (Canada) MIC/VCCI (Japan) IMDA (Singapore) NBTC (Thailand) WPC (India) NTC (Philpines) Exemption (Vienam) SIRIM (Malaysia) SRRC (China) OFCA (HK) NCC/BSMI (Taiwan) CITC (Saudi Aria) RCM (AU & NZ) Anatel (Brazil) SUBTEL (Chile) CRC (Colombia) ENACOM (Argentna) TRT (Bahrain) CITRA (Kuwait) TRA (Oman) CRA (Qatar) ICASA (South Africa) UA RED DoC (Ukraine) URSEC (Uruguay) KC (South Korea) IFETEL/NOM(Mexico) SDPPI (Indonesia) MOC (Israel) TDRA (UAE)	FCC (USA) IMDA (Sigapore) SRRC (China)	CE (EU) FCC (USA) SRRC (China) NCC/BSMI (Taiwan)	CE (EU) FCC (USA) IC (Canada) CRA (Qatar) RCM (AU & NZ) CRC (Colombia) NCCBSMI (Taiwan) SRRC (China)	CE (EU) FCC (USA)	CE (EU) IMDA (Singapore)

	EW-7722UTn V3	EW-7811Un V2	EW-7611ULB	EW-76111ULB V2
	Wi-Fi 4			
Data Rate (Max.)	2.4GHz: 300Mbps		2.4GHz: 150Mbps	
Antenna	2T2R 2* Internal PIFA	1T1R 1*Internal PIFA	1T1R 1*Internal PIFA	
	2.4GHz: 1.3 and 1.3 dBi	2.4GHz: -4 dBi	2.4GHz: 1.6 dBi	2.4GHz: 1.6 dBi
USB Standards	USB2.0			
Security	WPA3-SAE, 802.1x			
Certifications	CE (EU) FCC (USA) NCC/BSMI (Taiwan)	CE (EU) FCC (USA) IC (Canada) NCC/BSMI (Taiwan) SRRC (China)	BQB CE (EU) FCC (USA) IC (Canada) MIC/VCCI (Japan) KC (South Korea) WPC (India) OFCA (HK) ICASA (South Africa) NTRA (Egypt) TRT (Bahrain) CITRA (Kuwait) TRA (Oman) IFETEL/NOM(Mexico) CRC (Colombia) MTC (Peru) CNC (Argentina) RCM (AU & NZ)	BQB CE (EU) FCC (USA) IC (Canada) RCM (AU & NZ) NCC/BSMI(Taiwan) SRRC (China)

Bluetooth USB Bluetooth Series & Combo Series (Wi-Fi +Bluetooth)

EDIMAX offers a Bluetooth USB adapters product line including Bluetooth adapters and Combo (Wi-Fi +Bluetooth) , covering different Bluetooth generations (from BT4.x to BT5.x), diverse functionalities, and multiple operating systems—all in one comprehensive solution. With advanced simultaneous dual-mode (Classic BR/EDR + BLE) and BQB certification, EDMAX Bluetooth USB adpaters ensure efficient, stable connections across a range of Bluetooth devices. It is ideal for AIoT, smart home, medical, and industrial applications, offering reliable performance with reduced power consumption.

	Bluetooth Series	Combo Series (Wi-Fi + Bluetooth)
Model #	BT-8530 (BT5.4) BT-8500 (BT5.0)	EW-7611UXB EW-7611UCB EW-7611ULB EW-7611ULB V2

Bluetooth Series

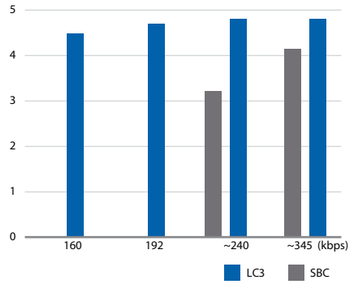
Wi-Fi

		BT-8530	BT-8500
Bluetooth Standards		Bluetooth 5.4	Bluetooth 5.0
Data Rate (Max.)		• Classic BR/EDR: 3Mbps • BLE: 2Mbps	• Classic BR/EDR: 3Mbps • BLE: 2Mbps
LE Audio	LC3	Support LC3 for Hi-definition audio quality	N/A (Support Audio Codec: SBC)
	Audio Broadcasting	Supported	N/A
Antenna		Internal PIFA 2.4GHz: 2.3dBi	Internal PIFA 2.4GHz: -1.2dBi
TX Power (Max.)		Classic BR: 10 dBm EDR: 10 dBm BLE: 10 dBm	Classic BR: 10 dBm EDR: 7.5 dBm BLE: 10 dBm
RX Sensitivity (Min.)		• -94 dBm (2Mbps EDR) • -87dBm (3Mbps EDR) • -99.2 dBm (1Mbps BLE) • -95 dBm (2M BLE)	• -94 dBm (2Mbps EDR) • -87 dBm (3Mbps EDR) • -98 dBm (BLE) • -106 dBm (125Kbps BLE long range)
Maximum Range		Up to 40 Meters	Up to 40 Meters
Power Efficiency		Improved for IoT and LE Audio RX/TX	N/A
USB Standards		USB2.0	USB2.0
Dimension		7.1 (H) x 14.9 (W) x 17.4 (D)	7.1 (H) x 14.9 (W) x 17.4 (D)
Certifications		BQB CE(EU) FCC (USA) SRRC (China) NCC/BSMI (Taiwan)	BQB CE(EU) FCC (USA) IC (Canada) SRRC (China) NCC/BSMI (Taiwan)

Technology | LE Audio

Bluetooth® Codec Comparison

Standard Stereo Listening Test



LE Audio allows the protocol to carry sound and add features such as one set of headphones connecting to multiple audio sources.
It introduces LC3 (Low Complexity Communications Codec) as its default codec. LC3 is an efficient Bluetooth® audio codec for use in Bluetooth LE Audio profiles. It is capable of encoding speech and music at various bitrates and can be incorporated in any Bluetooth audio profile.Compared LC3 with standard Bluetooth audio (SBC), it offers Higher audio quality and longer battery life.
LE Audio also add broadcast audio to enable an audio source device to broadcast one or more audio streams to an unlimited number of audio sink devices. Broadcast audio opens significant new opportunities for innovation

LC3 | Multistream | Hearing Aids | Broadcast Audio Sharing

Combo Series

Wi-Fi + Bluetooth

	EW-7611UXB	EW-7611ULB V2	EW-7611ULB	EW-76111UCB
	Wi-Fi 6	Wi-Fi 4		
Bluetooth Standards	Bluetooth 5.3	Bluetooth 4.2	Bluetooth 4.0	
Data Rate (Max.)	2.4GHz:278Mbps 5GHz:600Mbps	2.4GHz:150Mbps	2.4GHz:150Mbps	2.4GHz: 150Mbps 5GHz: 433Mbps
Bluetooth Mode	• Classic BR/EDR • BLE			
Antenna	1T1R 1*Internal PIFA 2.4GHz: 3 dBi 5GHz: 3.4 dBi	1T1R 2.4GHz: 1.6 dBi 1*Internal PIFA	1T1R 2.4GHz: 1.6 dBi 1*Internal PIFA	1T1R 1*Internal PIFA 2.4GHz: 2 dBi 5GHz: 3 dBi
USB Standards	USB2.0			
Security	WPA3-enterprise, WPA3-SAE, 802.1x	WPA3-SAE, 802.1x		
Certifications	CE (EU) FCC (USA) NCC/BSMI(Taiwan) SRRC (China)	CE (EU) FCC (USA) IC (Canada) NCC/BSMI (Taiwan) SRRC (China)	BQB CE (EU) FCC (USA) IC (Canada) MIC/VCCI (Japan) KC (South Korea) WPC (India) OFCA (HK) ICASA (South Africa) NTRA (Egypt) TRT (Bahrain) CITRA (Kuwait) TRA (Oman) IFETEL/NOM(Mexico) CRC (Colombia) MTC (Peru) CNC (Argentina) RCM (AU & NZ)	CE (EU) IMDA (Singapore)

Network Switch Solution

EDIMAX provides a series of reliable network switch solutions to build up efficient network infrastructures and fulfill different requirements, from SMBs, retails, enterprises to carriers-level service providers. EDIMAX feature-rich selection of switches provides you the flexible & scalable network installation options, including switches with PoE, PoE+, or PoE++ support; L2 Managed, Web Smart, Industrial L2 & Unmanaged features; and Multi-gigabit, 2.5G, or 10G speeds, to power on and managed the Wi-Fi AP, IP camera, VoIP, Digital Signage, and so on. There are some of Application Scenarios.

Shopping Mall Network Infrastructure

- Parking lot System
- IP Surveillance System
- Free Wi-Fi in Public Areas
- POS Payment System

Shopping Mall
Network Connectivity Solution.....P.44

Campus Network Infrastructure

- Video Conference System
- Interactive Whiteboard
- IP Surveillance System
- Free-Wi-Fi Connection
- IP Public Address System

Campus
Network Connectivity Solution.....P.50

Hotel Network Infrastructure

- Free-Wi-Fi in Public Areas
- Free-WiFi in Guest Rooms
- Parking Lot System
- IP Surveillance System
- POS Payment System

Hotel
Network Connectivity Solution.....P.46

Industrial Network Infrastructure

- Factory Automation
- Warehouse System
- IP Surveillance System
- IP Public Address System

Industry
Network Connectivity Solution.....P.52

Technologies Incorporated EDIMAX Network Switch

L2 Managed Switch Series

1 VLAN

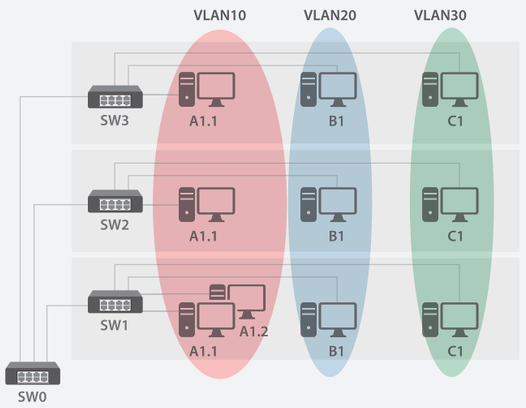
VLAN

A VLAN is a logical overlay network that groups together a subset of devices that share a physical LAN. Each VLAN is considered a separate logical network. VLANs allow an administrator to segment networks based on factors such as function, project team, or application, without regard for the physical location of the user or device. Edimax L2 Switches support Port-based, Protocol-based VLAN, MAC-based VLAN, Surveillance VLAN, and Voice VLAN.

Port-Based VLAN:
Port-based VLANs assign devices to VLANs based on the physical switch port they are connected to. Each port on a switch is configured to belong to a specific VLAN. When a device is connected to a port, it automatically becomes part of the VLAN associated with that port, regardless of the device's MAC address or IP address.

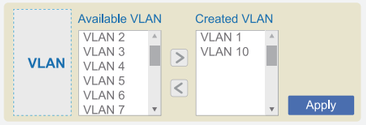
Protocol-Based VLAN:
Protocol-based VLANs assign devices to VLANs based on the type of network protocol they are using. The switch examines the protocol type in the packet header and assigns the traffic to the appropriate VLANs.

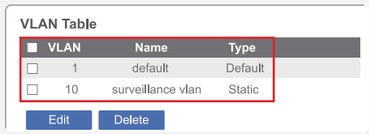
MAC-Based VLAN:
MAC-based VLANs assign devices to VLANs based on their MAC addresses. Each MAC address is mapped to a specific VLAN. The switch maintains a table mapping MAC addresses to VLANs. When a device sends traffic, the switch checks its MAC address and assigns it to the corresponding VLAN.



Surveillance VLAN

The World's First ONVIF Surveillance VLAN Auto-enrollment functions are designed for IP surveillance networks exclusively
Surveillance VLAN L2 Series One-Click to Auto-created Surveillance VLAN10, Auto-discover the ONVIF compliant IP cameras, and Auto-enroll the ONVIF compliant IP cameras, as a result, IP surveillance system is upgraded by improved security level, smoother video streaming, and easy maintenance.



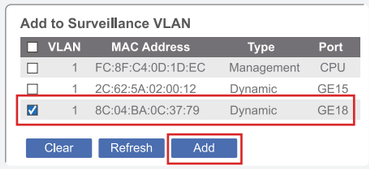


Auto-Created Surveillance VLAN
One-click "Config. Reload" button to initialize Surveillance VLAN for smooth and secure video transmission.

Auto Discovery
It gives you the flexibility to choose optimal products for your needs without being locked into a specific brand by auto discovery functions.

Auto Enrollment
When IP cameras on a network are discovered, they will be added to the Surveillance VLAN automatically.

Even Non-ONVIF compliant devices can be enrolled in Surveillance VLAN manually by 2 clicks.



Voice VLAN

Voice VLANs allow a single interface to carry both data and voice traffic. This is common where a phone is plugged into a switch, and a computer is plugged into that phone. Using the voice VLAN creates a special trunk to identify and separate the voice traffic and data. This also allows the switch to carry CoS values from the phone. It enhances the quality of voice traffic by prioritizing its transmission over other types of traffic. The voice service will be given higher forwarding priority, ensuring better transmission quality. Edimax L2 managed switches pre-configure OUI (Organizationally Unique Identifier) of the Tier 1 VoIP brands by default. If the source MAC address matches the OUI configured on the switch, the voice VLAN tag is added to the packet, and its priority is increased. By isolating voice traffic from other types of network traffic, it reduces congestion and potential collisions and enhanced security.

2 SNMP v1/v2c/v3 and RMON

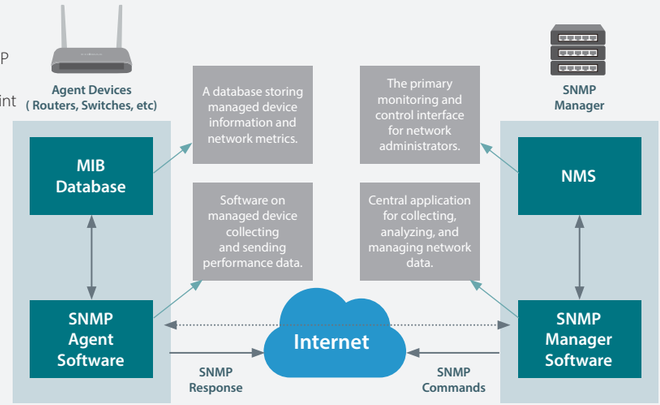
SNMP

SNMP (Simple Network Management Protocol) is one of the most widely used protocols for managing devices on a network. It enables communication between network-enabled devices and management systems for users to be able to observe and assess the performance of their network in real-time. SNMP is a way to observe, measure, and analyze network performance with detail. It allows for the whole network to be seen, inclusive of servers and neighborhood traffic.
SNMP is an exchange of communication between various managers and agents, which is applied for monitoring and controlling the network. An SNMP Manager is a computer application that is the center of the network. On the other hand, the SNMP Agent is software that is running on the individual device connecting to the network. The agent collects data about the device and transfers it to the manager, displaying performance analytics, setting alarms, and more. With a better understanding of how networks work, users are enabled to make real-time observations and control their network.

SNMP Manager:
The SNMP manager, also known as the network management station (NMS) and SNMP Manager Software, serves as the primary system used for monitoring the SNMP network. It communicates with all devices with SNMP agents based on the network and serves as the control point for gathering and manipulating data. It can query agents, receive responses, set variables, and acknowledge events from the agents.

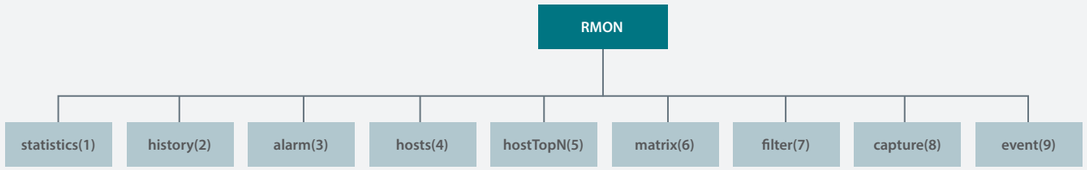
SNMP Agent Software:
It is a software process installed on the managed devices. It is responsible for collecting and transmitting status and statistical information about the network node to the NMS. Its prima,ry purpose is to provide detailed information on the performance of the managed devices.

SNMP MIB Database:
It stores collected data for fault management, performance management, and capacity planning.

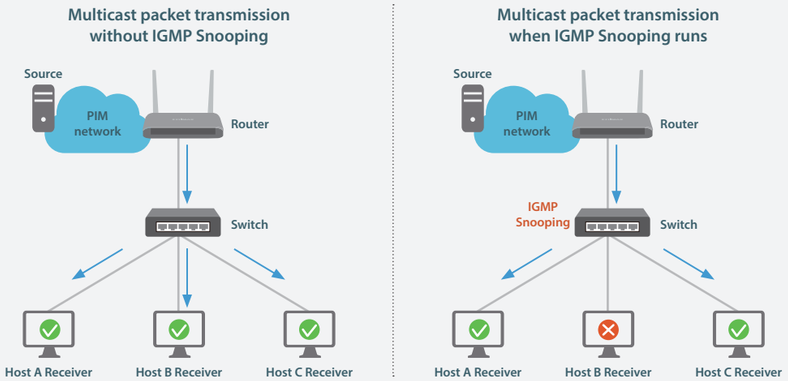


RMON

Remote network monitoring (RMON) is a method of monitoring network traffic on a remote Ethernet transport to find network issues such as dropped packets, network collisions, and even traffic congestion.
RMON is designed to help network technicians to remotely monitor and analyze data that is collected from LANs without having to go to distant facilities to set up equipment. RMON probe uses an SNMP agent to gather and transmit data to a management application. Edimax L2 switche series supports RMON (groups 1,2,3 and 9) or RMON (statistics, history, alarm and event)



3 IGMP (Internet Group Management Protocol)



IGMP is an integral part of IP multicast and allows the network to direct multicast transmissions only to hosts that have requested them. IGMP can be used for one-to-many networking applications such as online streaming video and gaming, and allows more efficient use of resources when supporting these types of applications such as video conference, IPTV, On-line gaming servers, and stock market transaction.

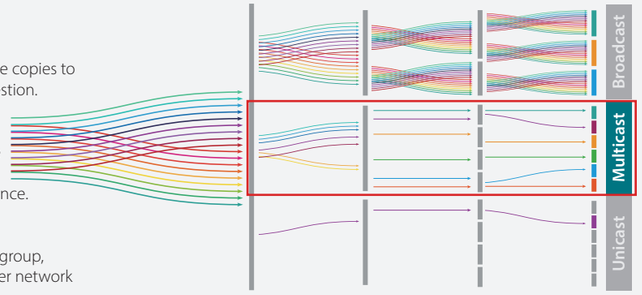
This removes the redundant or useless traffic in the network which floods both the network and the client's network interface and CPU. The client device receives only the stream it requests.

IGMP Application: IPTV

Efficient bandwidth utilization:
IGMP allows multiple hosts to receive the same data stream simultaneously, without requiring the source to send separate copies to each host. This saves network bandwidth and reduces congestion.

Optimized traffic flow:
IGMP ensures that multicast traffic is only forwarded to those routers and hosts that are interested in receiving it. This reduces unnecessary traffic and optimizes network performance.

Better network scalability:
With IGMP, it is easy to add or remove hosts from a multicast group, without affecting the rest of the network. This allows for better network scalability and flexibility.



IGMP Version Comparison

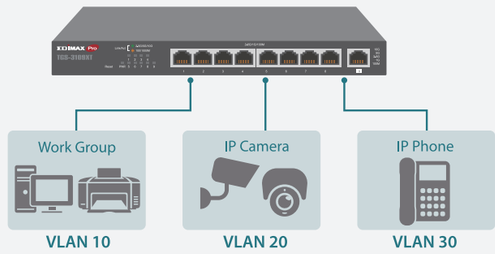
FEATURE	IGMP v1	IGMP v2	IGMP v3
Group address for the report	Joining multicast group address	Joining multicast group address	Joining multicast group address and source address
Host send Leave Group Message	N/A	Yes	Yes
Group Query Message (Router send Group-specific query)	N/A	Yes	Yes
Rule for Electing a Querier?	None	Router with the lowest IP address on the subnet	Router with the lowest IP address on the subnet

Web Smart Switch Series

The EDIMAX Web-smart Series is designed for small and medium business networks that require smart, simple, and essential network management features such as VLAN, Link Aggregation, Broadcast Storm Control, Loop Detection/Prevention, IGMP Snooping v1/v2/v3, QoS, Port Mirroring and more. With just a few simple clicks through the user-friendly web-based management utility, the network performance and efficiency will be optimized.

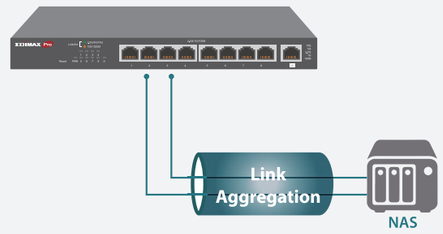
1 VLAN

Helps separate traffic within a business such as isolated resources between network administrations and general users or between employees and public guest users.



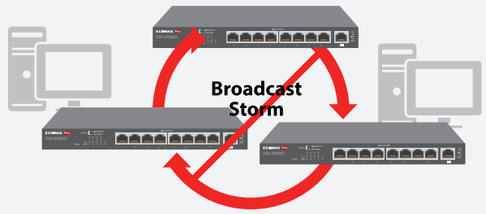
2 Link Aggregation

Combining (aggregating) multiple network connections in parallel to make a single high-bandwidth data path for faster file transfer and enhanced connection reliability.



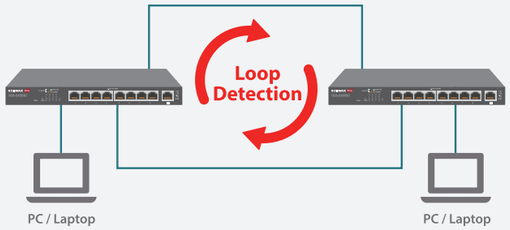
3 Broadcast Storm Control

The broadcast storm control feature can set up limits for each type of traffic in order to prevent broadcast storm from disrupting your networks.



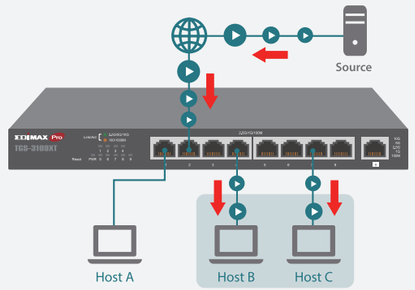
4 Loop Detection

The loop detection feature can identify and remove loops to avoid slowdowns or stop normal traffic while the switch is connected to itself.



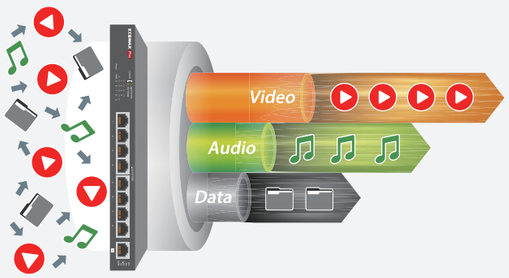
5 IGMP Snooping

The switch supports IGMP snooping v1/v2/v3, optimized multicast performance and improved multicast services such as video streaming, resulting in smoother video reproduction.



6 QoS

The 802.1p QoS support provides different priorities to different applications or users to guarantee a high level of performance for maximum data transferring efficiency from your network.



Industrial Switch Series

1 Robust Design and Failover Mechanism

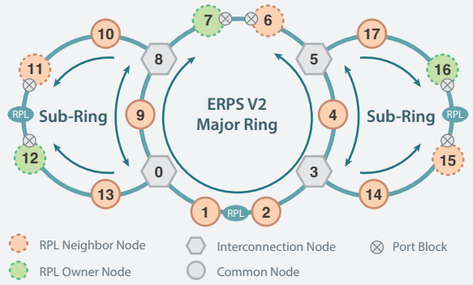
Certified Ruggedized Design and ERPS V2

Certified Ruggedized Design
Equipped with anti-dust IP30-rated aluminum alloy case, the switch is designed and certified to withstand a high degree of vibration, shock, free-fall protection and against ESD/EMI surge for harsh environments.*

High/Low Temp. Resistance
The industrial switch operates with a wide temperature range from -40°C to 75°C (-40°F to 167°F) for industrial and outdoor network deployment with capability of withstanding the extreme hot and freezing environments.

Reliable Dual Redundancy
Supports network redundancy with RSTP, MSTP, ERPS, LACP and power redundancy with two power inputs to ease the unexpected risk and ensure stable and reliable network service quality.

ERPS V2(Ethernet Ring Protection Switching, G.8032) provides under 20ms recovery for Ethernet traffic in a multi-ring, single-ring and ladder topology, and helps achieve high reliability and network stability.
The basic idea of an Ethernet ring is to use RPL (Ring Protection Link) to protect the whole ring.
RPL Owner node owns the RPL and blocks or unblocks traffic over the RPL.
RPL Neighbor node helps coordinate RPL behavior and assists in unblocking the RPL during failure conditions.
Interconnection node connects 2 or more Sub-rings together.



* The switch also has industrial-grade certification of EMC (Electromagnetic Compatibility) 61000-6-2, 61000-6-4 and EMS (Electromagnetic Sensitivity) 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).

2 Dual PoE Power Budget Mode

Industrial L2 PoE Rack-mount Series provide Dual-Power budget mode in different environments for deployment flexibility. Industrial Mode (by default) can operate at temperatures between -20°C to 65°C, and Classic Mode can release more power budget when it operates at temperatures between -20°C to 40°C.

Classic Mode
800W

400W
Industrial Mode

Stable & Flexible PoE Supply

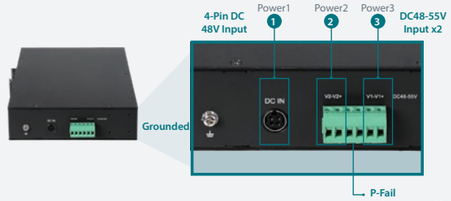
Dual PoE Power Budget Mode

Mode \ Model No.	IGS-5654PLX	IGS-5428PLC	IGS-5218PLC
Classic Mode -20°C to 40°C	800W	500W	360W
Industrial Mode (Default) -20°C to 65°C	400W	300W	260W

3 Power Redundancy and Watchdog

Power Redundancy

Industrial DIN-rail Series provide reliable power redundancy with three power inputs to decrease unexpected risk and ensures stable and reliable network service quality.

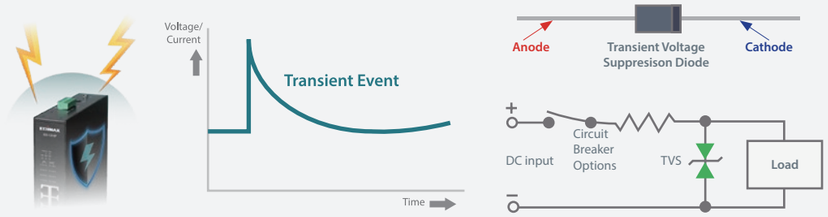


Watchdog

A watchdog in a network switch is a hardware or software mechanism that detects unresponsiveness or failures in the system and performs a corrective action, such as restarting processes or rebooting the switch. This ensures network stability and reduces downtime.
Industrial L2 DIN-rail Series provide the WatchDog mechanism.

4 6KV Surge & Power BackFeed Protection

Supports 6KV surge protection to avoid damage of the switch and connected devices. Furthermore, backfeed protection for connected devices from non-standard power source



Industrial-Grade Certifications

IGS-5416P / IGS-5408P/ IGS-5208 compliant with industrial-grade standards

	Standard No.	Test Item	Test Description	Key Parameters
EMS	IEC 61000-4-2	Electrostatic Discharge (ESD)	Simulates electrostatic discharge from human/objects	Contact: ±4-8kV; Air: ±8-15kV
	IEC 61000-4-3	Radiated RF Immunity (RS)	Tests immunity to RF electromagnetic fields	80MHz-6GHz; 3-10V/m
	IEC 61000-4-4	EFT/Burst (FET)	Simulates fast transients from switches/relays	±0.5-4kV; 5kHz/100kHz
	IEC 61000-4-5	Surge Immunity	Simulates lightning/power grid surges	Line-line: ±0.5-4kV; Line-ground: ±1-4kV
	IEC 61000-4-6	Conducted RF Immunity (CS)	Tests immunity to RF disturbances via cables	150kHz-80MHz; 3-10V
	IEC 61000-4-8	Power Frequency Magnetic Field	Simulates 50/60Hz magnetic fields	1-100A/m
Vibration	IEC 60068-2-6	Sinusoidal Vibration Test	Simulates periodic vibration during transport/operation to evaluate device durability	Frequency range: 5Hz-500Hz
				Acceleration: 0.15g-20g
				Duration: 10min to several hours
Shock	IEC 60068-2-27	Mechanical Shock Test	Evaluates structural integrity under non-repetitive/ repetitive shocks	Waveform: Half-sine, trapezoid
				Peak acceleration: 50m/s²-1500m/s²
				Duration: 0.5ms-18ms
Free Fall	IEC 60068-2-32	Free Fall Test	Simulates accidental drops during handling/transport	Drop height: 0.1m-1.3m (weight-dependent)
				Drops: Typically 2-6 times
				Orientation: Face/edge/corner drops

EN 50121-4 Railway

EN 50121-4 is part of the European railway standards focusing on Electromagnetic Compatibility (EMC) for railway applications.

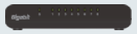
EN 50121-4:2016+A1:2019	Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signaling and telecommunications apparatus

Key Aspects of EN 50121-4

1. Scope
   - Applies to signaling and telecommunications equipment (e.g., track circuits, control systems, communication networks) in railways.
   - Ensures devices operate without causing or suffering from electromagnetic interference (EMI).
2. EMC Requirements
   - Emission Limits: Controls conducted/radiated interference from equipment.
   - Immunity Levels: Defines resistance to external disturbances (e.g., RF fields, surges, ESD).

Solution | Product Map | Selection Guide | Specifications: L2 Managed | Web Smart | Industrial | Unmanaged

Network Switch

	48~54 Ports	24~28 Ports	16~20 Ports	8~12 Ports	5 Ports
L2/ L2+ Managed	 GS-5654LX P38	 GS-5424LX P38  GS-5424G P38  FS-5428X P38 (L2+ Managed)			
Web Smart				 TGS-3109XT P39  GS-5008E P39	
Industrial				IGS-5208 P40 	IGS-1005 P40 
Unmanaged	 GS-1024 P41  GS-1026 V3 P41		 GS-1016 V2 P41	 GS-1008E V2 P41  ES-3308P P41  ES-5800G V3 P41	 GS-1005BE P41  GS-1005E P41  ES-3305P P41  ES-5500G V3 P41

Solution | Product Map | Selection Guide | Specifications: L2 Managed | Web Smart | Industrial | Unmanaged

PoE Network Switch

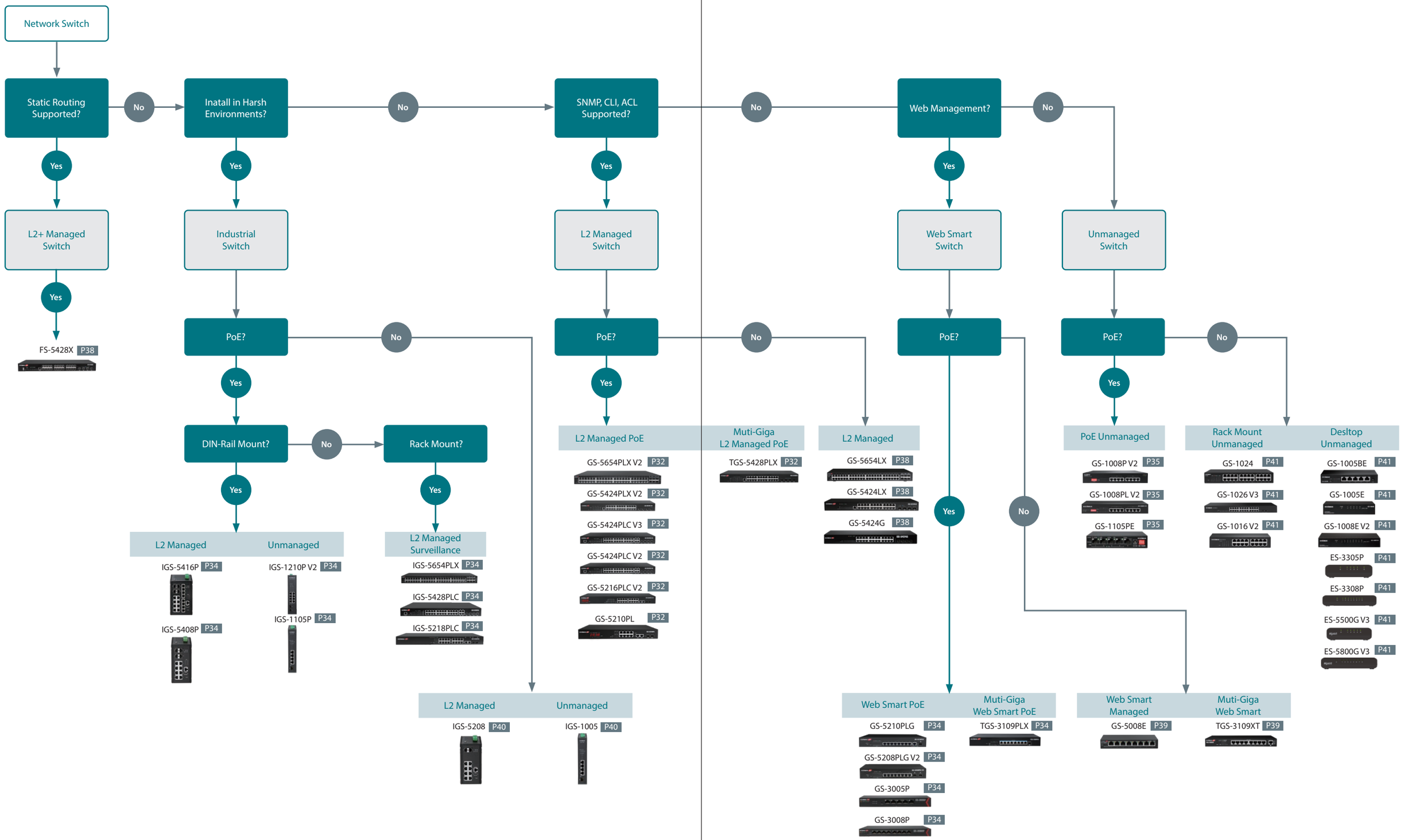
	48 PoE Ports	24 PoE Ports	16 PoE Ports	8 PoE Ports	4~5 PoE Ports
L2 Managed	 GS-5654PLX V2 P32	 TGS-5428PLX P32  GS-5424PLX V2 P32  GS-5424PLC V2 P32  GS-5424PLC V3 P32	 GS-5216PLC V1 P32  GS-5216PLC V2 P32	 GS-5210PL P32	
Web Smart				 TGS-3109PLX P33  GS-5210PLG P33  GS-5208PLG V2 P33  GS-3008P P33	 GS-3005P P33
Industrial	 IGS-5654PLX P34 (L2 Managed)	 IGS-5428PLC P34 (L2 Managed)	 IGS-5416P (L2 Managed) P34  IGS-5218PLC P34 (L2 Managed)	 IGS-5408P (L2 Managed) P34  IGS-1210P V2 P34	 IGS-1105P P34
Unmanaged				 GS-1008PL V2 P35  GS-1008P V2 P35	GS-1105PE P35

PoE Network Switch

	Series		Model #	PoE Ports: 2.5G Multi-Giga	PoE Ports: 1 GbE	PoE Power Budget	IEEE PoE Standard	PD Alive Check	PoE Scheduling	Power Input	Mounting Type	index
L2 Managed	Surveillince VLAN		TGS-5428PLX	24		400W	802.3bt	v	v	Internal PWR	Rack Mount	P32
			GS-5424PLX V2		24	400W	802.3at	v	v	Internal PWR		P32
			GS-5424PLC V2/V3		24	400W	802.3at	v	v	Internal PWR		P32
			GS-5216PLC V1/V2		16	280W	802.3at	v	v	Internal PWR		P32
			GS-5210PL		8	110W	802.3at	v	v	Internal PWR		P32
	Surveillince VLAN Wide Temperature Range		IGS-5654PLX		48	800W	802.3at	v	v	Internal PWR		P34
			IGS-5428PLC		24	500W	802.3at	v	v	Internal PWR		P34
			IGS-5218PLC		16	360W	802.3at	v	v	Internal PWR		P34
	Hi-density		GS-5654PLX V2		48	400W	802.3at	v	v	Internal PWR		P32
Web Smart	Muti-Giga		TGS-3109PLX	8		280W	802.3bt			Internal PWR	Rack Mount	P33
	Gigabit		GS-5210PLG		8	100W	802.3at			Internal PWR	Rack Mount	P33
			GS-5208PLG V2		8	85W	802.3at			Internal PWR		P33
			GS-3008P		8	60W	802.3at			External PWR	Wall Mount	P33
			GS-3005P		5	60W	802.3at			External PWR		P33

PoE Network Switch

	Series		Model #	PoE Ports: 2.5G Multi-Giga	PoE Ports: 1 GbE	PoE Power Budget	IEEE PoE Standard	PD Alive Check	PoE Scheduling	Power Input	Mounting Type	index
Industrial	L2 Managed		IGS-5416P		8	240W	802.3at	v	v	External PWR	DIN-Rail Mount /Wall Mount	P34
			IGS-5408P		5	240W	802.3at	v	v	External PWR		P34
	Unmanaged		IGS-1210P V2		8	240W	802.3at			External PWR		P34
			IGS-1105P		4	120W	802.3at			External PWR		P34
Unmanaged	Gigabit		GS-1008P V2		8	130W	802.3at			Internal PWR	Rack Mount	P35
			GS-1008PL V2		8	70W	802.3at			Internal PWR	Rack Mount	P35
			GS-1105PE		4	60W	802.3at			External PWR	Wall Mount	P35



Network Switch
Selection Guide

Solution | Product Map | **Selection Guide** | Specifications: L2 Managed | Web Smart | Industrial | Unmanaged

PoE L2 PoE L2 Managed Series

EDIMAX Pro L2 managed switches are designed for enterprise and SMB networks. With a range of L2 management features including SNMP v1/v2c/v3, Dual Firmware, Access Control List (ACL), DHCP Snooping, QoS, CoS, STP, 802.1Q VLAN, IPv4/IPv6, Port Trunking, IGMP v1/v2/v3 Snooping, and Port Mirroring, providing a secure, scalable, and reliable switch solution for your network.

Features
Auto VLAN | Smart Fan | Dual Firmware | PD Alive Check

Security
RADIUS | BPDU Guard | MAC-based Authentication | Compund Authentication

Management
SNMP | CLI | ACL | LLDP-MED | STP | Storm Control

Hardware

GS-5654PLX V2 / GS-5424PLX V2
10G SFP+ Uplink | 1G Uplink | Multi-Giga 2.5G/10G
Rack-Mount | Internal Power | Smart Fan

GS-5424PLC V3 / GS-5216PLC V2 / GS-5210PL
10G Uplink | 1G Uplink | Multi-Giga 2.5G/10G
Rack-Mount | Internal Power | Smart Fan /Fanless

TGS-5428PLX
10G Uplink | 1G Uplink | Multi-Giga 2.5G/10G
Rack-Mount | Internal Power | Smart Fan

GS-5654PLX V2
1GbE PoE Port × 48
10G SFP+ × 6
Power Budget 400W

TGS-5428PLX
2.5GbE PoE Port × 24
10G SFP+ × 4
Power Budget 400W

GS-5424PLC V3
1GbE PoE Port × 24
1G Combo(RJ45 / SFP) × 4
Power Budget 400W

GS-5216PLC V2 /V1
1GbE PoE Port × 16
1G Combo(RJ45 / SFP) × 2
Power Budget 280W

GS-5210PL
1GbE PoE Port × 8
1GbE RJ45 × 2
1G SFP × 2
Power Budget 110W

GS-5424PLX V2
1GbE PoE Port × 24
10G SFP+ × 4
Power Budget 400W

	GS-5654PLX V2	TGS-5428PLX	GS-5424PLX V2	GS-5424PLC V3	GS-5216PLC V2/V1	GS-5210PL
Backplane (Gbps)	216Gbps	200Gbps	128Gbps	56Gbps	36Gbps	24Gbps
Forwarding Rate (Mpps)	160.7Mpps	169.2Mpps	95.2Mpps	41.6Mpps	26.7Mpps	17.8Mpps
Jumbo Frames (KBytes)	12KBytes	32KBytes	9KBytes	9KBytes	9KBytes	9KBytes
Dimension (W x D x H mm)	441 x 330 x 44 mm	441 x 270 x 44 mm	441 x 270 x 44 mm	441 x 270 x 44 mm	441 x 196 x 44 mm	330 x 230 x 44 mm
Weight (kg)	5.6kg	4.45kg	4.46kg	4.45kg	3.03kg	2.3kg
PSE per Port (W)	30W	90W	30W	30W	30W	30W
Console Port(RJ45 Port)	Yes	Yes	Yes	Yes	N/A	N/A
Operating Temperature	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 45°C
Storage Temperature	-40 ~ 70°C					
Power Input	100-240V AC, 50-60 Hz; Internal power supply					

PoE Web Smart PoE Web Smart Series

EDIMAX Web Smart switches are designed for enterprise /SMB edge networks solution. With a range of Web Smart management features including IGMP Snooping, QoS, VLAN, Port Mirroring, QoS, Link Aggregation, Broadcast Storm Control, and Loop Detection/Prevention providing a secure, scalable, and reliable network infrastructure.

Features
VLAN | IGMP | Port Mirroring | Link Aggregation
QoS | Storm Control | Loop Detection | PoE Long Range

Hardware

TGS-3109PLX
10G SFP+ Uplink | 1G Uplink | Multi-Giga 2.5G/10G
Rack-Mount | Internal Power | Smart Fan

GS-5210PLG / GS-5208PLG V2
10G SFP+ Uplink | 1G Uplink | Multi-Giga 2.5G/10G
Rack-Mount | Internal Power | Fanless

GS-3008P / GS-3005P
10G SFP+ Uplink | 1G Uplink | Multi-Giga 2.5G/10G
Rack-Mount | Internal Power | Fanless

TGS-3109PLX
2.5GbE PoE Port × 8
10G SFP+ × 1
Power Budget 240W

GS-5210PLG
1GbE PoE Port × 8
1GbE RJ45 × 1
1G SFP × 1
Power Budget 100W

GS-5208PLG V2
1GbE PoE Port × 8
1G SFP × 2
Power Budget 85W

GS-3005P
1GbE PoE Port × 4
1GbE RJ45 × 1
Power Budget 60W

GS-3008P
1GbE PoE Port × 4
1GbE RJ45 × 4
Power Budget 60W

	TGS-3109PLX	GS-5210PLG	GS-5208PLG V2	GS-3008P	GS-3005P
Backplane (Gbps)	60Gbps	20Gbps	20Gbps	16Gbps	10Gbps
Forwarding Rate (Mpps)	44.6Mpps	14.8Mpps	14.8Mpps	11.9Mpps	7.4Mpps
Jumbo Frames (KBytes)	12KBytes	9KBytes	9KBytes	9KBytes	9KBytes
Dimension (W x D x H mm)	330 x 230 x 44 mm	265 x 184 x 44 mm	265 x 184 x 44 mm	240 x 105 x 26 mm	193 x 84 x 26 mm
Weight (kg)	2.39kg	1.62kg	1.42kg	0.59kg	0.39kg
PSE per Port (W)	90W	30W	30W	30W	30W
PowerBudget (W)	240W	100W	85W	60W	60W
Operating Temperature	0 ~ 40°C				
Storage Temperature	-40 ~ 70°C				
Power Input	100-240V AC, 50-60 Hz; Internal power supply			DC55V/1.3A; Power Adapter	

PoE L2 Industrial L2 PoE Series
IGS-5 Series

PoE Unmanaged Industrial Unmanaged PoE Series
IGS-1 Series

EDIMAX Pro industrial L2 managed switches are designed for using in harsh environments. The switches with hardened , robust, outstanding electronics and mechanical design can be operated in a wide temperature range for industrial applications. With a range of L2 management features including SNMP v1/v2c/v3, Dual Firmware, Access Control List (ACL), DHCP Snooping, QoS, CoS, STP, 802.1Q VLAN, IPv4/IPv6, Port Trunking, IGMP v1/v2/v3 Snooping, and Port Mirroring, providing a secure, scalable, and reliable switch solution for your network.

Features	Security	Management
Wide Temperature Range	RADIUS	SNMP
Dual Power Budget	MAC-based Authentication	CLI
Dual Firmware	Compund Authentication	ACL
PD Alive Check	BPDU Guard	LLDP-MED
		STP
		Storm Control

Hardware

DIN-Rail L2 Managed

IGS-5416P / IGS-5408P

- Industrial Grade Ceritificates
- ERPS V2
- PD Alive Check
- DIN-Rail Mount
- Power Redundancy
- Rail Way EN50121-4

Rack Mount L2 Managed

IGS-5654PLX / IGS-5428PLC / IGS-5218PLC

- Auto VLAN
- PD Alive Check
- Rack-Mount
- Dual Power Budget

DIN-Rail Unmanaged

IGS-1210P V2 / IGS-1105P

- Power Redundancy
- 6KV Surge Protection
- DIN-Rail Mount
- Long Range PoE

IGS-5416P

1GbE PoE Port	× 16
1G SFP	× 4
Power Budget	240W

IGS-5408P

2.5G BASE-T	× 8
1G SFP	× 4
Power Budget	240W

IGS-1210P V2

1GbE PoE Port	× 8
1G SFP	× 2
Power Budget	240W

IGS-1105P

1GbE PoE Port	× 4
1G SFP	× 1
Power Budget	120W

IGS-5654PLX

1GbE PoE Port	× 48
10G SFP+	× 6
Power Budget	800W

IGS-5428PLC

1GbE PoE Port	× 24
1G Combo	× 4
Power Budget	500W

IGS-5218PLC

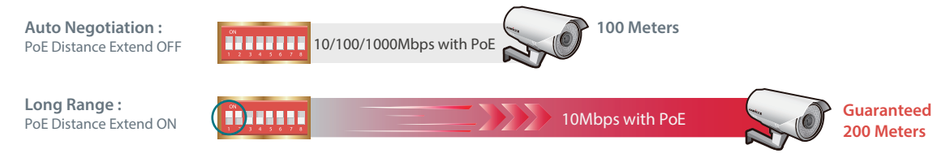
1GbE PoE Port	× 16
1G Combo	× 2
Power Budget	360W

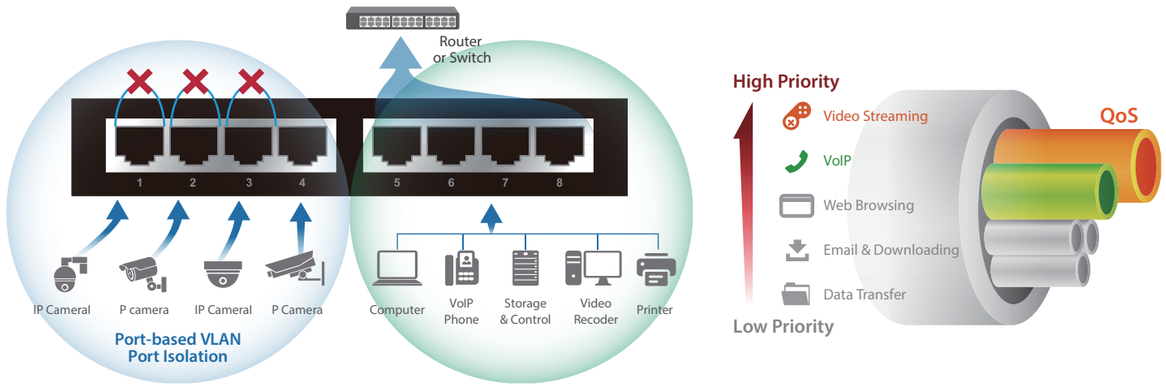
	IGS-5416P	IGS-5408P	IGS-5654PLX	IGS-5428PLC	IGS-5218PLC	IGS-1210P V2	IGS-1105P
Backplane	40Gbps	24Gbps	216Gbps	56Gbps	36Gbps	24Gbps	10Gbps
Forwarding Rate	29.7Mpps	17.8Mpps	160.7Mpps	41.6Mpps	26.7Mpps	14.88Mpps	7.44Mpps
Jumbo Frames	16KBytes	16KBytes	12KBytes	9KBytes	9KBytes	9KBytes	9KBytes
Dimension (W x D x H)	90.8 x 145 x 113 mm	72 x 145 x 113 mm	441 x 330 x 44 mm	441 x 270 x 44 mm	441 x 196 x 44 mm	90.8 x 145 x 113 mm	180 x 32 x 130 mm
Weight	1.4kg	0.75kg	5.6kg	4.45kg	3.03kg	1.1kg	0.67kg
Console Port	1 x RJ45 Console port		1 x RJ45 Console port (Console cable included)		N/A	N/A	N/A
USB Port	USB Port x1		N/A	N/A	N/A	N/A	N/A
DIDO Port	DI x1 ,DO x1		N/A	N/A	N/A	P-Fail	P-Fail
Operating Temperature	-40 ~ 75°C		-20 ~ 65°C			-20 ~ 70°C	
Storage Temperature	-40 ~ 85°C		-40 ~ 70°C			-40 ~ 85°C	
Power Input	DC 48V-57V; Power redundancy		100-240V AC, 50-60 Hz; Internal power supply			DC 48V-55V; Power redundancy	

PoE Unmanaged PoE Unmanaged Series

EDIMAX Long Range Gigabit PoE+ Switches are designed for using at home, or small and medium sized network environments. With Smrt DIP switches, the PoE port can be manually set with the ON-OFF control to extend the PoE delivery distance to 200 meters or further. It also support portbased VLAN and QoS functions.

Features		
DIP Switch	Port-based VLAN	QoS
Fanless	Backfeed Protection	Long-range PoE





GS-1008P V2

1GbE PoE Port	× 8
Power Budget	130W

GS-1008PL V2

1GbE PoE Port	× 4
1GbE RJ45	× 4
Power Budget	70W

GS-1105PE

1GbE PoE Port	× 4
1GbE RJ45	× 1
Power Budget	60W

	GS-1008P V2	GS-1008PL V2	GS-1105PE
Backplane (Gbps)	16Gbps	16Gbps	16Gbps
Forwarding Rate (Mpps)	11.9Mpps	11.9Mpps	7.44Mpps
Jumbo Frames (KBytes)	9KBytes	9KBytes	9KBytes
Dimension(W x D x H mm)	265x 184 x 44 mm	265x 184 x 44 mm	121 x75 x 26 mm
Weight (kg)	1.6kg	1.6kg	0.24kg
Mounting Type	Rack Mount/ Desktop	Rack Mount/ Desktop	Wall-Mount / Desktop
Operating Temperature	0 ~ 40°C		
Storage Temperature	-40 ~ 70°C		
Power Input	100-240V AC, 50-60 Hz; Internal power supply		External Power Supply (DC 55V/1.3A)

Specifications \ Modal #		Hi-Density	Surveillance VLAN	Surveillance VLAN (Wide-Temperature Range)
		PoE L2 Managed		
		GS-5654PLX V2	TGS-5428PLX, GS-5424PLX V2, GS-5424PLC V3, GS-5216PLC V1 / V2,GS-5210PL	IGS-5654PLX, IGS-5428PLC, IGS-5218PLC
L2 Features	Spanning Tree(STP/RSTP/MSTP)	v	v	v
	Link Aggregation(LACP / Static)	v	v	v
	Port Mirroring	v	v	v
	Loopback Detection	v	v	v
	Storm Control	Broadcast/ Unknown Multicast/ Unknown Unicast		
	ERPS			
L2 Multicast	IGMP Snooping v1/v2/v3	v	v	v
	IGMP Snooping Querier MLD	v	v	v
	MLD Snooping	v	v	v
	Snooping Querier	v	v	v
	MVR	v	v	v
VLAN	IEEE 802.1Q VLAN	v	v	v
	# of VLAN Group	256	256	256
	VLAN ID	4096	4096	4096
	Port-based VLAN IEEE 802.1x	v	v	v
	Protocol-based VLAN IEEE 802.1v	v	v	v
	MAC-based VLAN	v	v	v
	GVRP	v	v	v
	ONVIF Surveillance VLAN		v	v
	Voice VLAN	v	v	v
	Q-in-Q			
QoS	Queue per each port	8	8	8
	Queue Scheduling	Strict Priority(SP), Weighted Round Robin (WRR)		
	IEEE 802.1p	v	v	v
	DSCP Mapping	v	v	v
	CoS Mapping	v	v	v
	IP Precedence Mapping	v	v	v
	Bandwidth Control	v	v	v
ACL	MAC -based ACL	v	v	v
	MAC -based ACE	v	v	v
	IPv4 -based ACL	v	v	v
	IPv4 -based ACE	v	v	v
	IPv6 -based ACL	v	v	v
	IPv6 -based ACE	v	v	v
	ACL Binding	v	v	v
Security	TACACS+	v	v	v
	Traffic Segmnetation	v	v	v
	Port Security	v	v	v
	Storm Control	v	v	v
	IP Source Guard	v	v	v
	DHCP Snooping	v	v	v
	DoS	v	v	v
	Management Access	v	v	v
	IP-MAC-Port-VLAN Binding	v	v	v
	BPDU Guard	v	v	v
	IEEE 802.1x Authentication	v	v	v
	Web-based Authentication	v	v	v
	MAC-based Authentication	v	v	v
Managment	Web UI	v	v	v
	PoE Alive Check	v	v	v
	UDLD	v	v	v
	SNMP v1/v2c/v3	v	v	v
	RMON	v	v	v
	LLDP, LLDP-MED	v	v	v
	Time Synchronization	SNTP	SNTP	SNTP
	ACL	v	v	v
	CLI	v	v	v
	Dual-Firmware Image	v	v	v
	DHCP Snooping	v	v	v
	Telnet	v	v	v
	Syslog	v	v	v
	TFTP	v	v	v
	Cable Diagnostics	v	v	v

Specifications \ Modal #		Multi-Gigabit	Gigabit	L2 Managed	Unmanaged	Gigabit
		PoE Web Smart		PoE Industrial		Unmanaged
		TGS-3109PLX	GS-5210PLG, GS-5208PLG V2, GS-3005P, GS-3008P	IGS-5416P, IGS-5408P	IGS-1210P V2, IGS-1105P	GS-1008P V2, GS-1008PL V2, GS-1105PE
L2 Features	Spanning Tree(STP/RSTP/MSTP)	v	v	v		
	Link Aggregation(LACP / Static)	v	v	v		
	Port Mirroring	v	v	v		
	Loopback Detection	v	v	v		
	Storm Control	Broadcast		Broadcast/ Unknown Multicast/ Unknown Unicast		
	ERPS V2			v		
L2 Multicast	IGMP Snooping v1/v2/v3	v	v	v		
	IGMP Snooping Querier MLD			v		
	MLD Snooping			v		
	Snooping Querier			v		
	MVR					
VLAN	IEEE 802.1Q VLAN	v	v	v		DIP Switch
	# of VLAN Group	9	Up to 10	200		
	VLAN ID	9	Up to 10	4096		
	Port-based VLAN IEEE 802.1x	v	v	v		
	Protocol-based VLAN IEEE 802.1v			v		
	MAC-based VLAN			v		
	GVRP					
	ONVIF Surveillance VLAN					
	Voice VLAN					
	Q-in-Q			v		
QoS	Queue per each port	4	4	8		
	Queue Scheduling	Strict Priority(SP) , Weighted Fair Queueing (WFQ)		SP, WRR		
	IEEE 802.1p	v	v	v	v	DIP Switch
	DSCP Mapping			v		
	CoS Mapping			v		
	IP Precedence Mapping			v		
	Bandwidth Control	v	v	v		
ACL	MAC -based ACL			v		
	MAC -based ACE			v		
	IPv4 -based ACL			v		
	IPv4 -based ACE			v		
	IPv6 -based ACL			v		
	IPv6 -based ACE			v		
	ACL Binding			v		
Security	TACACS+			v		
	Traffic Segmnetation			v		
	Port Security			v		
	Storm Control			v		
	IP Source Guard			v		
	DHCP Snooping			v		
	DoS			v		
	Management Access			v		
	IP-MAC-Port-VLAN Binding			v		
	BPDU Guard			v		
	IEEE 802.1x Authentication			v		
	Web-based Authentication			v		
	MAC-based Authentication			v		
Managment	Web UI	v	v	v		
	PoE Alive Check			v		
	UDLD			v		
	SNMP v1/v2c/v3			v		
	RMON			v		
	LLDP, LLDP-MED			v		
	Time Synchronization			NTP, 1588V2		
	ACL					
	CLI			v		
	Dual-Firmware Image			v		
	DHCP Snooping			v		
	Telnet			v		
	Syslog			v		
	TFTP			v		
	Cable Diagnostics					

L2 L2 Managed Series

EDIMAX Pro L2 managed switches are designed for enterprise and SMB networks. With a range of L2 management features including SNMP v1/ v2c/v3, Dual Firmware, Access Control List (ACL), DHCP Snooping, QoS, CoS, STP, 802.1Q VLAN, IPv4/IPv6, Port Trunking, IGMP v1/v2/v3 Snooping, and Port Mirroring, providing a secure, scalable, and reliable switch solution for your network.

Security

RADIUS | BPDU Guard | MAC-based Authentication | Compund Authentication

Management

SNMP | CLI | ACL | LLDP-MED | STP | Storm Control

Hardware

GS-5654LX / GS-5424LX / FS-5428X

10G SFP+ Uplink | SNMP | CLI | ACL | IntelligentThermal Control | Dual FW Image

GS-5424G

1G Uplink | SNMP | CLI | ACL | Fanless | Dual FW Image

GS-5654LX

1GbE RJ45 × 48
10G SFP+ × 6
Console (RJ45 Port) 1

GS-5424LX

1GbE RJ45 × 24
10G SFP+ × 4
Console (RJ45 Port) 1

FS-5428X

1G SFP × 24
10G SFP+ × 4
Console RJ45 Port 1
USB Port(Sys log backup) 1

GS-5424G

1GbE RJ45 × 24
1G SFP × 4

	GS-5654LX	GS-5424LX	GS-5424G	FS-5428X
Backplane (Gbps)	216Gbps	128Gbps	56Gbps	128Gbps
Forwarding Rate (Mpps)	160.7Mpps	95.2Mpps	41.6Mpps	95.2Mpps
Jumbo Frames (KBytes)	12KBytes	12KBytes	9KBytes	12KBytes
Console Port(RJ45 Port)	1 Port	1 Port	-	1 Port
USB Port for sys log backup	N/A	-	-	1 x USB 3.0 Port
Fan	3 x Fans with Intelligent Thermal Controller	Fanless	Fanless	3 x Fans with Intelligent Thermal Controller
Operating Temperature	0 ~ 50°C			
Power Input	100-240V AC, 50-60 Hz; Internal power supply			
Dimension (W x D x H)	441 x 270 x 44 mm	441 x 198 x 44 mm	441 x 197 x 45 mm	441 x 270 x 44 mm
Weight	4.05kg	2.44kg	2.52kg	3.82kg

Web Smart Web Smart Series

EDIMAX Web Smart switches are designed for enterprise / SMB edge networks solution. With a range of Web Smart management features including IGMP Snooping, QoS, VLAN, Port Mirroring, QoS, Link Aggregation, Broadcast Storm Control, and Loop Detection/Prevention providing a secure, scalable, and reliable network infrastructure.

Features

VLAN | Storm Control | Port Mirroing | Link Aggregation | QoS | IGMP | Loop Detection | Multi-Giga 2.5G/ 10Gbps

Hardware

TGS-3109XT

Multi-Giga 2.5G/10Gbps | Fanless | Wall -Mount | External PWR

GS-5008E

1Gbps | Fanless | Wall -Mount | External PWR

TGS-3109XT

2.5GbE RJ45 × 8
10GbE RJ45 × 1

GS-5008E

1GbE RJ45 × 8

	TGS-3109XT	GS-5008E
Backplane	60Gbps	16Gbps
Forwarding Rate	44.6Mpps	11.9Mpps
Jumbo Frames	12KBytes	9KBytes
Dimension (W x D x H)	240 x 105 x 27 mm	155 x 85 x 26 mm
Weight	0.7kg	0.32kg
Operating Temperature	0 ~ 40°C	
Power Input	DC 12V/1A; Power Adapter	DC 5V/1A; Power Adapter

L2 Industrial — Industrial L2

Unmanaged Industrial — Industrial Unmanaged

EDIMAX Pro industrial switches are designed for using in harsh environments. The switches with hardened , robust, outstanding electronics and mechanical design can be operated in a wide temperature range for industrial applications. IGS-5208 with a range of L2 management features including SNMP v1/v2c/v3, Dual Firmware, Access Control List (ACL), DHCP Snooping, QoS, CoS, STP, 802.1Q VLAN,Q in Q, IPv4/IPv6, Port Trunking, IGMP v1/v2/v3 Snooping, and Port Mirroring, providing a secure, scalable, and reliable switch solution for your network.

Industrial L2 Features

- Industrial Grade Ceritificates
- ERPS V2
- LLDP-MED
- L2 Management
- Rail Way EN50121-4
- SNMP CLI ACL

Industrial Unmanaged Features

- QoS
- Long Range 200M +

Hardware

DIN-Rail L2 Managed

IGS-5208

- Wide Temperature Range
- DIDO & USB Port
- Console Port
- Watchdog
- DIN-Rail Mount
- Power Redundancy
- 6KV Surge Protection
- SFP Uplink

DIN-Rail Unmanaged

IGS-1005

- 6KV Surge Protection
- Wide Temperature Range
- DIN-Rail Mount
- Power Redundancy
- Power -Fail Notice

IGS-5208

1GbE RJ45 × 8
1G SFP × 2

IGS-1005

1GbE RJ45 × 5

	IGS-5208	IGS-1005
Backplane	20Gbps	10Gbps
Forwarding Rate	14.88Mpps	7.44Mpps
Jumbo Frames	16KBytes	9KBytes
Surge Protection	6KV	6KV
Dimension (W x D x H)	72 x 113 x 145 mm	30 x 83 x 127 mm
Weight	1.4kg	0.85kg
Mounting	DIN-Rail Mount & Wall Mount	
Console Port	1 x RJ45 Console port	-
USB Port	USB Port x1	-
DIDO Port	DI x1 ,DO x1	P-Fail
Operating Temperature	-40 ~ 75°C	-20 ~ 70°C
Storage Temperature	-40 ~ 85°C	
Power Input	DC 48V-57V; Power redundancy	

Unmanaged — Unmanaged Series

EDIMAX unmanaged Switches are designed for expanding the network with high-speed and enhanced performance while maintaining a compact form factor. Unmanaged Rack mount series boast outstanding performance and high efficiency, store and forward packet-switching technology and standard IEEE 802.11p QoS feature, offer improved traffic and reliable data transfer with priority of video and voice. It is ideal for network connectivity in the home, small office, small-and-Medium business and enterprise environments.

Features

- Wired Speed
- Jumbo Frame
- QoS

Hardware

GS-1026 V3 / GS-1024 / GS-1016 V2

- Internal PWR
- Rack Mount
- Fanless
- Wired Speed

GS-10005BE / GS-1008E V2 / GS-1005E / ES-5800G V3 / ES-5500G V3 / ES-3308P / ES-3305P

- External PWR
- Wall Mount
- Fanless
- Wired Speed

GS-1026 V3

1GbE RJ45 × 24
1GbE SFP × 2
Rack Mount Yes
Internal Power Yes

GS-1016 V2

1GbE RJ45 × 24
Rack Mount Yes
Internal Power Yes

GS-1024

1GbE RJ45 × 24
Rack Mount Yes
Internal Power Yes

GS-1005BE

2.5GbE RJ45 × 5

GS-1008E V2

1GbE RJ45 × 8

GS-1005E

1GbE RJ45 × 5

ES-5800G V3

1GbE RJ45 × 8

ES-5500G V3

1GbE RJ45 × 5

ES-3308P

10/100 BASE-T × 8

ES-3305P

10/100 BASE-T × 5

	Rack Mount Gigabit Switch			Wall Mount / Desktop Switch	
	GS-1026 V3	GS-1024	GS-1016 V2	GS-1005BE	GS-1008E V2
Backplane (Gbps)	52Gbps	48Gbps	32Gbps	25Gbps	16Gbps
Forwarding Rate (Mpps)	35.7Mpps	35.7Mpps	23.8Mpps	18.6Mpps	11.8Mpps
Jumbo Frames (KBytes)	10KBytes	10KBytes	10KBytes	12KBytes	9KBytes
802.11p QoS	Supported	Supported	Supported	-	-
Dimension (W x D x H mm)	441x 131 x 44 mm	268 x 160 x 42 mm	215 x 133 x 42 mm	160 x 110 x 26 mm	154 x 85 x 26 mm
Weight (kg)	1.96kg	1.41kg	0.85kg	0.44kg	0.32kg
Mounting Type	Rack Mount			Wall Mount	
Operating Temperature	0 ~ 40°C			0 ~ 40°C	
Storage Temperature	-40 ~ 70°C			-40 ~ 70°C	
Power Input	100-240V AC, 50-60 Hz; Internal Power Supply			DC12V/ 1A	DC5V/ 1A

	Wall Mount / Desktop Switch				
	GS-1005E	ES-5800G V3	ES-5500G V3	ES-3308P	ES-3305P
Backplane (Gbps)	10Gbps	16Gbps	10Gbps	1.6Gbps	1Gbps
Forwarding Rate (Mpps)	7.44Mpps	11.8Mpps	7.44Mpps	1.18Mpps	0.744Mpps
Jumbo Frames (KBytes)	9KBytes	9KBytes	9KBytes	-	-
802.11p QoS	-	-	-	-	-
Dimension (W x D x H mm)	121 x 75 x 26 mm	136 x 76 x 26 mm	98 x 71 x 26 mm	137 × 76 × 26 mm	98 × 71 × 26 mm
Weight (kg)	0.23kg	0.148kg	0.112kg	0.126kg	0.092kg
Mounting Type	Wall Mount				
Operating Temperature	0 ~ 40°C				
Storage Temperature	-40 ~ 70°C				
Power Input	DC5V/ 1A	DC5V/ 1A	DC5V/ 1A	DC5V/ 0.6A	DC5V/ 0.6A

Specificartions \ Modal #		L2 Managed: Hi-Density GS-5654LX	L2 Managed: Gigabit GS-5424LX, GS-5424G, FS-5428X	Web Smart: Multi-Gigabit TGS-3109XT	Web Smart: Gigabit GS-5008E
L2 Features	Spanning Tree(STP/RSTP/MSTP)	v	v	v	v
	Link Aggregation(LACP / Static)	v	v	v	v
	Port Mirroring	v	v	v	v
	Loopback Detection	v	v	v	v
	Storm Control	Broadcast/ Unknown Multicast/ Unknown Unicast		Broadcast	
	ERPS				
L2 Multicast	IGMP Snooping v1/v2/v3	v	v	v	v
	IGMP Snooping Querier MLD	v	v		
	MLD Snooping	v	v		
	Snooping Querier	v	v		
	MVR	v	v		
VLAN	IEEE 802.1Q VLAN	v	v	v	v
	# of VLAN Group	256	256	9	8
	VLAN ID	4096	4096	9	8
	Port-based VLAN IEEE 802.1x	v	v	v	v
	Protocol-based VLAN IEEE 802.1v	v	v		
	MAC-based VLAN	v	v		
	GVRP	v	v		
	Surveillance VLAN	v	v		
	Voice VLAN	v	v		
	Q-in-Q				
QoS	Queue per each port	8	8	4	4
	Queue Scheduling	Strict Priority(SP), Weighted Round Robin (WRR)		Strict Priority(SP) , Weighted Fair Queueing (WFQ)	
	IEEE 802.1p	v	v	v	v
	DSCP Mapping	v	v		
	CoS Mapping	v	v		
	IP Precedence Mapping	v	v		
	Bandwidth Control	v	v	v	v
ACL	MAC -based ACL	v	v		
	MAC -based ACE	v	v		
	IPv4 -based ACL	v	v		
	IPv4 -based ACE	v	v		
	IPv6 -based ACL	v	v		
	IPv6 -based ACE	v	v		
	ACL Binding	v	v		
Security	TACACS+	v	v		
	Traffic Segmnetation	v	v		
	Port Security	v	v		
	Storm Control	v	v		
	IP Source Guard	v	v		
	DHCP Snooping	v	v		
	DoS	v	v		
	Management Access	v	v		
	IP-MAC-Port-VLAN Binding	v	v		
	BPDU Guard	v	v		
	IEEE 802.1x Authentication	v	v		
	Web-based Authentication	v	v		
	MAC-based Authentication	v	v		
Managment	Web UI	v	v	v	v
	UDLD	v	v		
	SNMP v1/v2c/v3	v	v		
	RMON	v	v		
	LLDP, LLDP-MED	v	v		
	Time Synchronization	SNTP	SNTP		
	ACL	v	v		
	CLI	v	v		
	Dual-Firmware Image	v	v		
	DHCP Snooping	v	v		
	Telnet	v	v		
	Syslog	v	v		
	TFTP	v	v		
	Cable Diagnostics	v	v		

Specificartions \ Modal #		Industrial-Grade: L2 Managed IGS-5208	Industrial-Grade: Unmanaged IGS-1005	Unmanaged: Rack mount GS-1026 V3, GS-1016 V2, GS-1024	Unmanaged: Wall mount/ Desktop GS-1005BE, GS-1008E V2, GS-1005E, ES-5500G V3, EW-5800G V3, ES-3308P, ES-3305P
L2 Features	Spanning Tree(STP/RSTP/MSTP)	v			
	Link Aggregation(LACP / Static)	v			
	Port Mirroring	v			
	Loopback Detection	v			
	Storm Control	Broadcast/ Unknown Multicast/ Unknown Unicast			
	ERPS	v			
L2 Multicast	IGMP Snooping v1/v2/v3	v			
	IGMP Snooping Querier MLD	v			
	MLD Snooping	v			
	Snooping Querier	v			
	MVR				
VLAN	IEEE 802.1Q VLAN	v			
	# of VLAN Group	200			
	VLAN ID	4096			
	Port-based VLAN IEEE 802.1x	v			
	Protocol-based VLAN IEEE 802.1v	v			
	MAC-based VLAN	v			
	GVRP				
	Surveillance VLAN				
	Voice VLAN				
	Q-in-Q	v			
QoS	Queue per each port	8			
	Queue Scheduling	SP, WRR			
	IEEE 802.1p	v	v	v	
	DSCP Mapping	v			
	CoS Mapping	v			
	IP Precedence Mapping	v			
	Bandwidth Control	v			
ACL	MAC -based ACL	v			
	MAC -based ACE	v			
	IPv4 -based ACL	v			
	IPv4 -based ACE	v			
	IPv6 -based ACL	v			
	IPv6 -based ACE	v			
	ACL Binding	v			
Security	TACACS+	v			
	Traffic Segmnetation	v			
	Port Security	v			
	Storm Control	v			
	IP Source Guard	v			
	DHCP Snooping	v			
	DoS	v			
	Management Access	v			
	IP-MAC-Port-VLAN Binding	v			
	BPDU Guard	v			
	IEEE 802.1x Authentication	v			
	Web-based Authentication	v			
	MAC-based Authentication	v			
Managment	Web UI	v			
	UDLD	v			
	SNMP v1/v2c/v3	v			
	RMON	v			
	LLDP, LLDP-MED	v			
	Time Synchronization	NTP, 1588V2			
	ACL				
	CLI	v			
	Dual-Firmware Image	v			
	DHCP Snooping	v			
	Telnet	v			
	Syslog	v			
	TFTP	v			
	Cable Diagnostics				

Shopping Mall Network Connectivity Solution

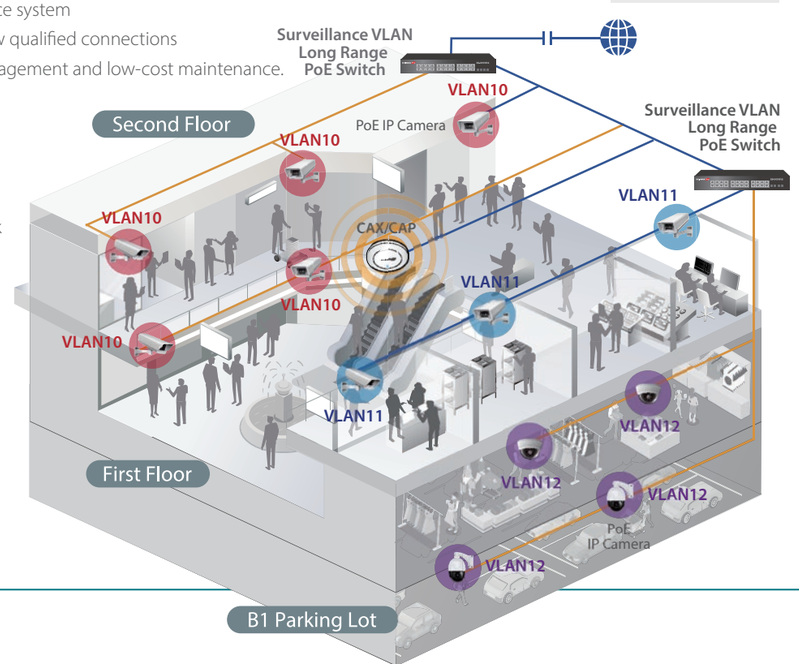
People's reliance on smartphones for shopping and dining has increased significantly after the Covid-19 pandemic. Providing Free-Wi-Fi internet connection can incentivize customers to extend their visit, san QR Code to get information even make a purchase. Edimax shopping mall Solution empower store owners to create a modern and compelling in-store experience for every customer. L2 PoE Managed switches build up the robust and reliable network infrastructure to power on and managed the IP Surveillance System, parking System, Wi-Fi networks, IP Public Address System, and POS payment system.

Requirement Analysis

- Providing a stable wireless connection for customers when they shop around even during peak shopping hours.
- Internet connection for POS payment system
- 24 hours a day, 7 days a week IP Surveillance system
- Require access authentication to only allow qualified connections
- Provide easy deployment, centralized management and low-cost maintenance.

Solution Benefits

- L2 PoE Switches provide Broadcast storm control, Data Rate Limitation, QoS and Load Balancing features that ensure a safe, reliable experience within a stable network even in peak shopping hours
- Simplifies PoE IP cameras and Wi-Fi AP installation by utilizing PoE L2 Switch's ONVIF compliant IP cam auto-enrollment features
- Ensured 24/7 IP surveillance system by L2 PoE switches' PoE Alive Check, watchdog, Dual-firmware for system recovery.
- With the Network Management System, unified SSID of PoE Wi-Fi AP allows seamless switching among Wi-Fi access points



Products Recommended

Medium-Sized Shop / Food court / Restaurant / Parking Lot High-Performance Solution

Type	Model	Description
PoE L2 Switch	 GS-5424PLX v2  GS-5216PLC	Surveillance VLAN 24-Port Gigabit PoE+ L2 Switch including 4 SFP+ 10G Ports or 18-Port Gigabit PoE+ L2 Switch including 2 SFP/ RJ45 Combo Ports • PoE power supply for IP cameras and Wi-Fi AP • One-click to create Surveillance VLAN, Auto-discover & Auto-enroll ONVIF Compliant IP cameras in Surveillance VLAN • PD Alive check and can Remote rebooting IP cameras and WiFi AP • Exclusive VLAN for POS system (Inventory system and payment system)
Industrial PoE Switch	IGS-1210P V2	Industrial DIN-rail mount 10-port Gigabit PoE + Switch including 2 SFP Slots • PoE power supply for outdoor Wi-Fi AP and IP cameras • 6KV Surge protection and built-in watchdog avoid damage done to the switch and connected devices
Wi-Fi AP Controller	 APC500	Wi-Fi AP Controller (CAP Series, CAX Series. OAP Series, and WAP Series). • Manage up to 200 units of Edimax Wi-Fi AP • Guest SSID and Captive Portal
Wi-Fi AP	 CAX1800	2 x 2 Wi-Fi 6 AX1800 Dual-Band PoE Ceiling Mount AP • Providing Seamless roaming by pre-configuration, just a few clicks • Pre-configured for easy deployment and scalability up to 16 units • Built-in free NMS for Wi-Fi AP management without license fee, cloud-access fee or extra hidden cost.
Wi-Fi AP	 OAP1750	3x 3 AC1750 Wireless Dual-Band PoE Wall Mount AP • Providing Seamless roaming for mobile devices • PoE out to power on IP camera • Built-In RADIUS Server for network security
Outdoor Wi-Fi AP	WAP1750	3x 3 AC1750 Wireless Dual-Band PoE AP • IP67 rated weatherproof and rust-resistant metal casted housing • Providing Seamless roaming for mobile devices

Small-Sized Shop / Cost Effective Solution

Type	Model	Description
PoE L2 Switch	 GS-5216PLC  GS-5210PL	Surveillance VLAN 24-Port Gigabit PoE+ L2 Switch including 4 SFP+ 10G Ports or 18-Port Gigabit PoE+ L2 Switch including 2 SFP/ RJ45 Combo Ports • PoE power supply for IP cameras and Wi-Fi AP • One-click to create Surveillance VLAN, Auto-discover & Auto-enroll ONVIF Compliant IP cameras in Surveillance VLAN • PD Alive check and can Remote rebooting IP cameras and WiFi AP • Exclusive VLAN for POS system (Inventory system and payment system)
PoE Web Smart Switch	 GS-5210PLG	Industrial DIN-rail mount 10-port Gigabit PoE + Switch including 2 SFP Slots • PoE power supply for outdoor Wi-Fi AP and IP cameras • 6KV Surge protection and built-in watchdog avoid damage done to the switch and connected devices
Wi-Fi AP	 CAX1800	Wi-Fi 6 AX1800 Dual-Band Gigabit Ceiling Mount Access Point • Providing Seamless roaming by pre-configuration • Pre-configured for easy deployment and scalability up to 16 units • Built-in free NMS for Wi-Fi AP management without license fee, cloud-access fee or extra hidden cost.
Wi-Fi AP	 OAP1750	3x 3 AC1750 Wireless Dual-Band PoE Wall Mount AP • Providing Seamless roaming for mobile devices • PoE out to power on IP camera • Built-In RADIUS Server for network security

Hotel Network Connectivity Solution

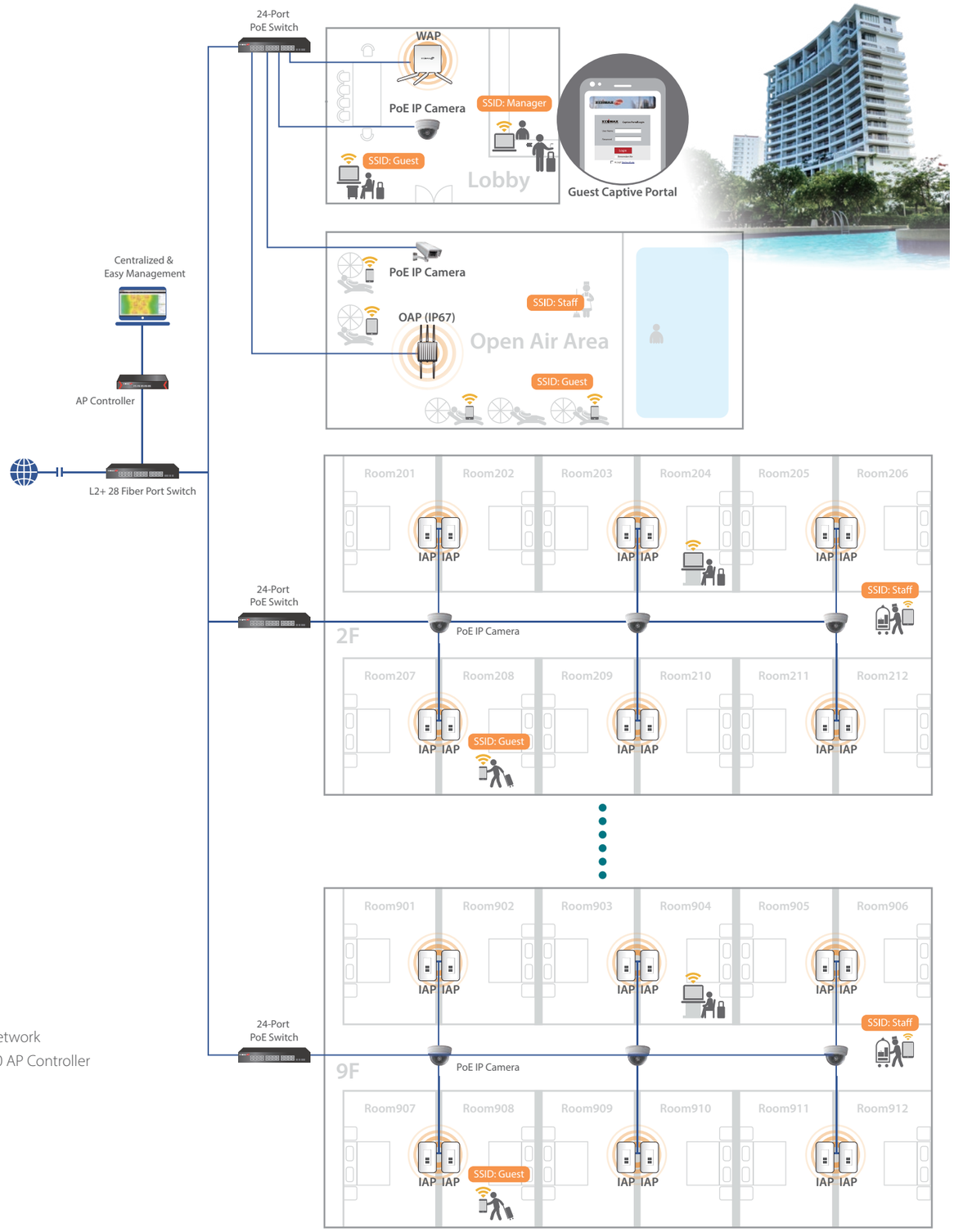
In the competitive world, a comprehensive network for hotel industry is the cornerstone of guest satisfaction. The high-performance and stable network connection throughout the entire site of a hotel is not only essential to meet the expectations of the guests who demand seamless connectivity for work and leisure, but it also empowers the hotel staffs to provide unparalleled service. Guests rely on this network for work-related tasks, streaming entertainment, and a flawless Wi-Fi experience elevates their stay. Additionally, staff members benefit from efficient communication and enhanced operational capabilities, from streamlined check-ins to quick room service orders

Requirement Analysis

- Provide 24/7 IP Surveillance system always works
- Provide easy deployment and centralized management
- Work with IP-PBX systems for easy IP Phone deployment and management
- VLAN segmentation to separate each department to improve data security
- Supports future network expansion and scalability
- High-Density Wi-Fi APs ensure all connections in conference room
- Seamless Wi-Fi connection with roaming keeps guests always connected

Solution Benefits

- In-wall Wi-Fi AP to fully leverage L2 Switches strength that provides an optimal wired infrastructure
- L2 PoE Switches provide Data Rate Limitation, QoS, Broadcast storm control and Load Balancing features that ensure a safe, reliable experience within a stable network
- AC1200 Wi-Fi PoE In-wall AP (One unit each room) provides stable Wi-Fi internet connection and to be powered on and managed by L2 PoE Switch and APC500 AP Controller
- Simplifies PoE IP cameras and Wi-Fi AP installation by utilizing PoE L2 Switch's ONVIF compliant IP cam auto-enrollment features
- Ensured 24/7 IP surveillance system by L2 PoE switches' PoE Alive Check, watchdog, Dual-firmware for system recovery
- Voice VLAN supports Tier-1 IPPBX systems brands such as Avaya, Cisco, 3COM...and so on, for easy deployment and enhancing video and voice quality
- L2 Switches support IGMP for simple IPTV setup and management
- With the Wi-Fi AP controller, unified SSID of PoE Wi-Fi AP allows seamless switching among Wi-Fi AP
- L2 PoE Switches enable total flexibility, eliminating the need to extend or create a separate electrical power supply



Products Recommended

Medium-Size / Large-Size Hotel High-Performance Solution

Type	Model	Description
L2+ Switch	 FS-5428X	24 Gigabit SFP ports and 4* 10G SFP+ uplink ports • Deploy the fiber-optic connections to each floor • Connect to L2 PoE Switch (GS-5424PLX V2/ GS-5654PLX V2), and L2 PoE switch power • Build VLAN for each Floor
PoE L2 Switch	 GS-5424PLX v2  GS-5654PLX V2	24-Port / 54 -Port Gigabit PoE+ L2 Switch with 4 * 10G SFP+ Uplink ports • PoE power supply for In-wall AP(Each guest room) • PD Alive check and can Remote rebooting In-wall AP(Each guest room)
In-wall Wi-Fi AP	 IAP1200	AC1200 Wi-Fi PoE In-wall AP (one unit each room) • Providing Wi-Fi internet connection • To be powered on by L2 PoE Switch • To be PD Alive checked by L2 PoE Switch • To be managed by APC500 AP Controller
PoE L2 Switch	 GS-524PLC V3	Surveillance VLAN 24-Port Gigabit PoE+ L2 Switch with 4 SFP/RJ45 Uplink port • PoE power supply for IP cameras and Wi-Fi AP • One-click to create Surveillance VLAN, Auto-discover & Auto-enroll ONVIF Compliant IP cameras in Surveillance VLAN • PD Alive check and Remote rebooting IP cameras and WiFi AP • Exclusive VLAN for POS system (Inventory system and payment system)
Wi-Fi AP Controller	 APC500	Wi-Fi AP Controller (CAP Series, CAX Series. OAP Series, WAP Series, and IAP Series). • Manage up to 200 units of Edimax Wi-Fi AP • Guest SSID and Captive Portal
Industrial PoE Switch	 IGS-1210P V2	Industrial DIN-rail mount 10-port Gigabit PoE + Switch including 2 SFP Slots • PoE power supply for outdoor Wi-Fi AP and IP cameras • 6KV Surge protection and built-in watchdog avoid damage done to the switch and connected devices
Wi-Fi AP	CAX1800	2 x 2 Wi-Fi 6 AX1800 Dual-Band PoE Ceiling Mount AP • providing Seamless roaming by pre-configuration • Pre-configured for easy deployment and scalability up to 16 units • Built-in free NMS for Wi-Fi AP management without license fee, cloud-access fee or extra hidden cost.
Wi-Fi AP	 OAP1750	3x 3 AC1750 Wireless Dual-Band PoE Wall Mount AP • Providing Seamless roaming for mobile devices • PoE out to power on IP camera • Built-In RADIUS Server for network security
Outdoor Wi-Fi AP	 WAP1750	3x 3 AC1750 Wireless Dual-Band PoE AP • IP67 rated weatherproof and rust-resistant metal casted housing • Providing Seamless roaming for mobile device

Hostel / Inn Cost Effective Solution

Type	Model	Description
PoE L2 Switch	 GS-5424PLX V2  GS-5424PLC V3	24-Port / 54 -Port Gigabit PoE+ L2 Switch with 4 * 10G SFP+ Uplink ports • PoE power supply for In-wall AP(Each guest room) • PD Alive check and can Remote rebooting In-wall AP(Each guest room)
In-wall Wi-Fi AP	 IAP1200	AC1200 Wi-Fi PoE In-wall AP (one unit each room) • Providing Wi-Fi internet connection • To be powered on by L2 PoE Switch • To be PD Alive checked by L2 PoE Switch • To be managed by APC500 AP Controller
PoE L2 Switch	 GS-524PLC V3	Surveillance VLAN 24-Port Gigabit PoE+ L2 Switch with 4 SFP/RJ45 Uplink port • PoE power supply for IP cameras and Wi-Fi AP • One-click to create Surveillance VLAN, Auto-discover & Auto-enroll ONVIF Compliant IP cameras in Surveillance VLAN • PD Alive check and Remote rebooting IP cameras and WiFi AP • Exclusive VLAN for POS system (Inventory system and payment system)
Wi-Fi AP Controller	 APC500	Wi-Fi AP Controller (CAP Series, CAX Series. OAP Series, WAP Series, and IAP Series). • Manage up to 200 units of Edimax Wi-Fi AP • Guest SSID and Captive Portal
Wi-Fi AP	 OAP1750	3x 3 AC1750 Wireless Dual-Band PoE Wall Mount AP • Providing Seamless roaming for mobile devices • PoE out to power on IP camera • Built-In RADIUS Server for network security
Outdoor Wi-Fi AP	 WAP1750	3x 3 AC1750 Wireless Dual-Band PoE AP • IP67 rated weatherproof and rust-resistant metal casted housing • Providing Seamless roaming for mobile device

Choice of Wi-Fi Network Manangement

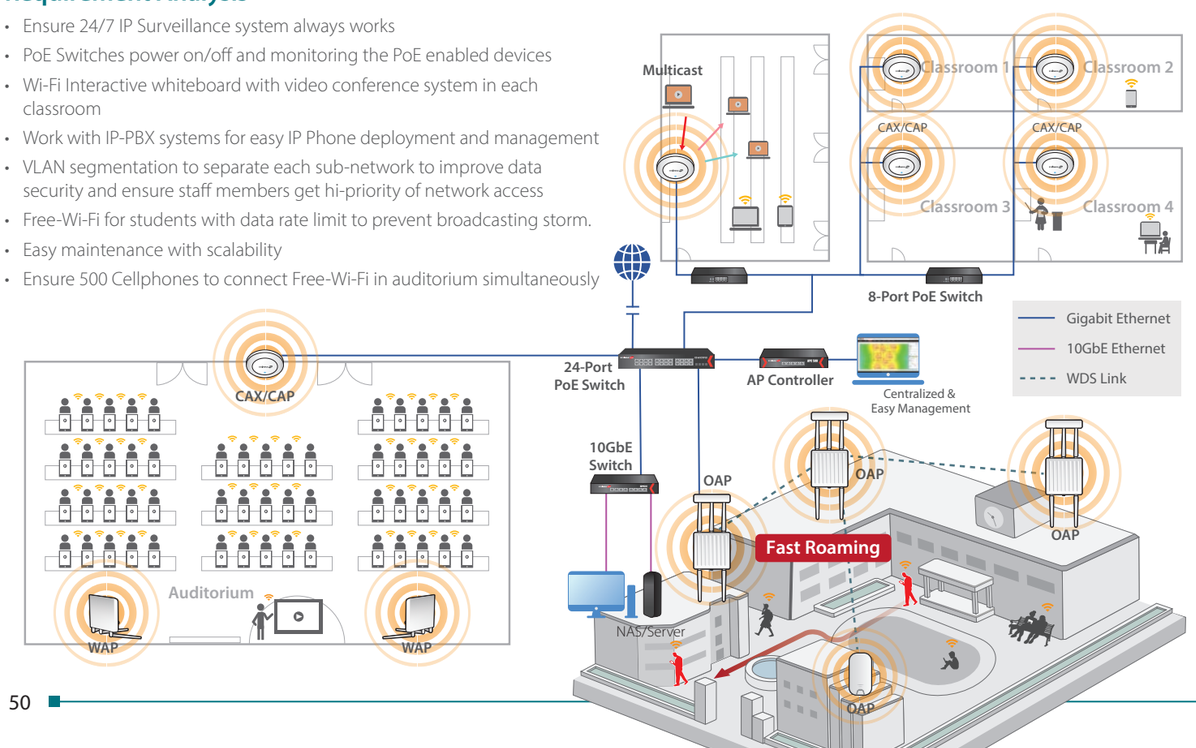
Model No.	APC500	NMS
Where to Use	For SMB/SME Level	For Small Project and Offices
Highlight	· Manages up to 200 EDIMAX Pro APs · Stand-Alone Box · Centralized & Remote Management · Support Gigabit Ports and USB 3.0 · Built-in Radius Server	· Manages up to 8 or 16 Edimax Pro APs (One Master AP Manages 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
Applied Models	All EDIMAX Pro APs (except PrimeAX 1-2-3 & Office 1-2-3 series)	All EDIMAX Pro APs (Built-in with CAP/WAP/CAX series and OAP1750 APs)

Campus Network Connectivity Solution

The campus network architecture is highly complex, including IP surveillance system , Free-Wi-Fi system, e-Learning system, the registration and course selection system, IP public address system, hi-density auditorium network system, electronic whiteboard with video conference system in each classroom, the cafeteria's ordering and payment system, parking system, and so on.

Requirement Analysis

- Ensure 24/7 IP Surveillance system always works
- PoE Switches power on/off and monitoring the PoE enabled devices
- Wi-Fi Interactive whiteboard with video conference system in each classroom
- Work with IP-PBX systems for easy IP Phone deployment and management
- VLAN segmentation to separate each sub-network to improve data security and ensure staff members get hi-priority of network access
- Free-Wi-Fi for students with data rate limit to prevent broadcasting storm.
- Easy maintenance with scalability
- Ensure 500 Cellphones to connect Free-Wi-Fi in auditorium simultaneously



Solution Benefits

- Fully leverage L2 Switches strength that provides an optimal wired infrastructure.
- Free-Wi-Fi internet connection for students with limited Data Rate, Broadcast storm control and prohibited P2P downloading.
- In classroom, Teacher can use Wi-Fi Interactive whiteboard with video conference system to retrieve and store the documents from the NAS server and data base server for live demonstration
- PoE switches powered on/off and keep alive check the PoE enabled devices such as Wi-Fi Aps, IP cameras, VoIP, IP public address system.
- Simplifies PoE IP cameras and Wi-Fi AP installation by utilizing PoE L2 Switch's ONVIF compliant IP cam auto-enrollment features.
- Ensured 24/7 IP surveillance system by L2 PoE switches' PoE Alive Check, watchdog, Dual-firmware for system recovery.
- Voice VLAN supports Tier-1 IP-PBX systems brands such as Avaya, Cisco, 3COM...and so on, for easy deployment and enhancing video and voice quality.
- High-Density Wi-Fi APs with PoE L2 switch to support 500 Cellphones to connect Free-Wi-Fi in auditorium simultaneously

Products Recommended

Campus Network Connectivity High-Performance Solution

Type	Model	Description
PoE L2 Switch	 GS-5424PLX V2	24 Gigabit ports PoE Switch and 4* 10G SFP+ uplink ports • PoE power on/off and manage the IP cameras, Wi-Fi AP, IP Public Address System • 10G SFP+ ports connect to NAS server and data center , and library system • Build up VLAN for each Floor • One-click to create Surveillance VLAN, Auto-discover & Auto-enroll ONVIF Compliant IP cameras in Surveillance VLAN
PoE L2 Switch	 GS-5216PLC  GS-5210PL	8-Port PoE Switch + Uplink ports (2 RJ45 Ports and 2 SFP Ports) or 16-Port PoE Switch + Uplink ports (2 RJ45 / 2 SFP Combo Ports) • PoE power supply for Wi-Fi AP and IP cameras • PD Alive check and can Remote rebooting IP camera or Wi-Fi AP
Celling-Mount Wi-Fi AP	 CAX1800	2 x 2 Wi-Fi 6 AX1800 Dual-Band PoE Ceiling Mount AP(Location: each Classroom) • Providing Seamless roaming by pre-configuration • Pre-configured for easy deployment and scalability up to 16 units • Providing Wi-Fi internet connection • To be powered on by L2 PoE Switch • To be PD Alive checked by L2 PoE Switch • To be managed by APC500 AP Controller
Wall-Mount Wi-Fi AP	 WAP1750	3x 3 AC1750 Wireless Dual-Band PoE Wall Mount AP (Location: Library and Auditorium) • Providing Wi-Fi connection for auditorium • Providing Seamless roaming for mobile devices • PoE out to power on IP camera • Built-In RADIUS Server for network security
Outdoor Wi-Fi AP	 OAP1300	2x 2 AC1300 Outdoor Wireless Dual-Band PoE AP (Location: Parking booth, Security station and Hallway) • IP56 rated weatherproof • Providing Wi-Fi internet connection
Outdoor Wi-Fi AP	 OAP1750	3x 3 AC1750 Wireless Dual-Band PoE Wall Mount AP (Location: Parking lot, School gate)) • Providing Wi-Fi connection for auditorium • Providing Seamless roaming for mobile devices • PoE out to power on IP camera • Built-In RADIUS Server for network security
Wi-Fi AP Controller	 APC500	Wi-Fi AP Controller (CAP Series, CAX Series. OAP Series, WAP Series, and IAP Series). • Manage up to 200 units of Edimax Wi-Fi AP • Guest SSID and Captive Portal
Industrial PoE Switch	 IGS-1210P V2	Industrial DIN-rail mount 10-port Gigabit PoE + Switch including 2 SFP Slots(Location: Parking lot and School gate) • PoE power supply for outdoor Wi-Fi AP OAP1750 and IP cameras • 6KV Surge protection and built-in watchdog avoid damage done to the switch and connected devices

Industrial Network Connectivity Solution

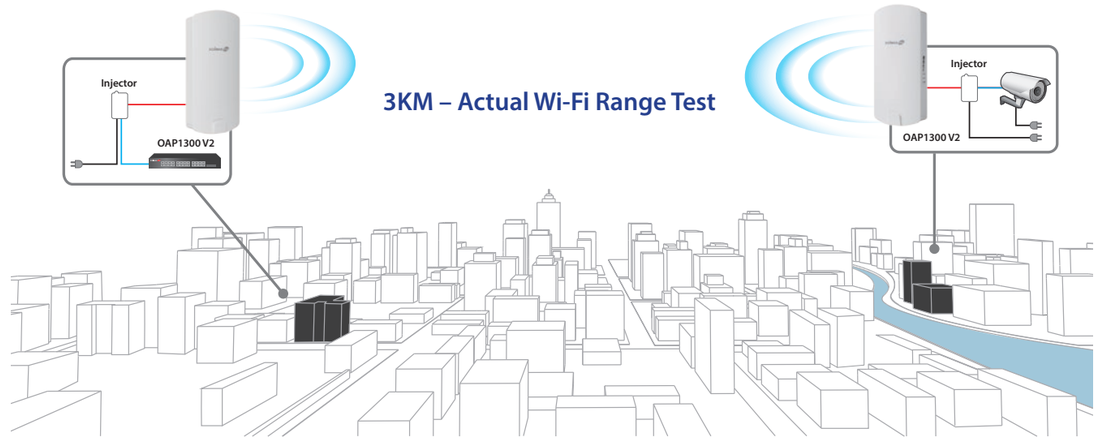
In a factory automation system, all the equipment and devices are connected each other in the robust network and can make decisions based on the collected data or do things that help improve quality, reduce time and cost, reduce errors, and eliminate human labor.The factory automation system requires a high level of precision and a failover mechanism to immediately report any issues. It should also be capable of analyzing the root cause and proposing improvement plans. Additionally, the factory automation system must operate within a stable and secure network architecture.

Solution Benefits

- Industrial L2 Switches support ERPS V2(Ethernet Ring Protection Switching) to provides under 20ms recovery for Ethernet traffic in a ring topology, and helps achieve high reliability and network stability.
- Wi-Fi AP OAP1300 v2 operates in Point to Point Mode to Link the production areas and the warehouse& Logistics Areas seamlessly.
- The PoE switches ensured 24/7 IP surveillance system by L2 PoE switches' PoE Alive Check, watchdog, Dual-firmware for system recovery.
- L2 PoE switches power on/ off, and manage Smart Lighting systems, Surveillance systems, Wi-Fi network systems, Touch-screen control terminals, and PLCs.

Requirement Analysis

- Failover mechanism requirements: Power redundancy, Network redundancy for quick recovery, IP surveillance system instant recovery.
- Links the production areas and the warehouse& Logistics Areas by Point to Point Wi-Fi infrastructure
- Provides 24/7 IP Surveillance system always works
- Provides easy centralized management
- VLAN segmentation to separate each department to improve data security
- Supports network expansion and scalability
- Smart Lighting systems, Surveillance systems, Wi-Fi network systems, Touch-screen control terminals, and PLCs to be power on/ off, and managed remotely



Products Recommended

Industrial High-Performance Solution

Type	Model	Description
Industrial PoE L2 Switch	 IGS-5408P	Industrial 8-Port L2 PoE Switch (Factory Areas, Multi-ring topology for network redundancy) • Power on and manage the Smart Lighting systems, Surveillance systems, Wi-Fi network systems, Touch-screen control terminals, and PLCs • The factory automation equipment and devices are connected each other in ERPS V2 Multi-Ring topology network
PoE L2 Switch	 GS-5424PLX V2	24-Port PoE+ L2 Switch with 4 * 10G SFP+ Uplink ports(Staff Dormitory & Office areas) • PoE power supply for IP surveillance System and IP public address system • PD Alive check and can Remote rebooting IP cameras
PoE L2 Switch	 IGS-5428PLC	Industrial Surveillance VLAN 24-Port Gigabit PoE+ L2 Switch with 4 SFP/RJ45 Uplink port(Warehouse) • PoE power supply for IP cameras and Wi-Fi AP • One-click to create Surveillance VLAN, Auto-discover & Auto-enroll ONVIF Compliant IP cameras in Surveillance VLAN • PD Alive check and Remote rebooting IP cameras and WiFi AP
Wi-Fi AP Controller	 APC500	Wi-Fi AP Controller (CAP Series, CAX Series. OAP Series, WAP Series, and IAP Series). • Manage up to 200 units of Edimax Wi-Fi AP • Guest SSID and Captive Portal
Industrial PoE Switch	 IGS-1210P V2	Industrial DIN-rail mount 10-port Gigabit PoE + Switch including 2 SFP Slots(Location: Parking lot and School gate) • PoE power supply for outdoor Wi-Fi AP OAP1750 and IP cameras • 6KV Surge protection and built-in watchdog avoid damage done to the switch and connected devices
Wi-Fi AP	 CAX1800	2 x 2 Wi-Fi 6 AX1800 Dual-Band PoE Ceiling Mount AP • providing Seamless roaming by pre-configuration • Pre-configured for easy deployment and scalability up to 16 units • Built-in free NMS for Wi-Fi AP management without license fee, cloud-access fee or extra hidden cost.
Wi-Fi AP	 OAP1300 V2	AC1300 Wireless Dual-Band PoE Wall Mount AP • Links the production areas and the warehouse& Logistics Areas by Point to Point Wi-Fi infrastructure • PoE out to power on IP camera • Built-In RADIUS Server for network security
Outdoor Wi-Fi AP	 OAP1750	3x 3 AC1750 Wireless Dual-Band PoE AP • IP67 rated weatherproof and rust-resistant metal casted housing • Providing Seamless roaming for mobile device

	Category	Data Rate	802.3bt 90W	802.3at 30W	802.3af 15.4W
PoE	Injector	2.5Gbps	GP-203IT P56 	GP-201IT P56 	
		1Gbps	GS-103IT P56 	GP-101IT P56 	
	Industrial Injector	2.5Gbps	IGP-203IT P56 	IGP-201IT P56 	
	Splitter			GP-101ST P57 	GP-101SF P57 
	Extender			GS-101ET P57 	

Cost Efficiently Converting a non-PoE Port to be a PoE++ Port

Adds PoE capability to a non-PoE Ethernet switch or router, supported up to 90W

- 2.5 Gigabit High-Speed
- PoE++ 90W 802.3af/at/bt
- Upgrade Without Changing Cables
- Flexible Wall-Mount
- Reliable Power Supply

PoE Application Scenario

With the PoE++ Injector, the data and power are transmitted to the remote IEEE 802.3af/at/bt compliant products located without power outlet through the Ethernet cabling.

Surveillance

IP surveillance camera is now ubiquitous PoE supported with only one LAN cable which enables fast deployment and easy repositioning for home, office and business.

Wi-Fi Coverage

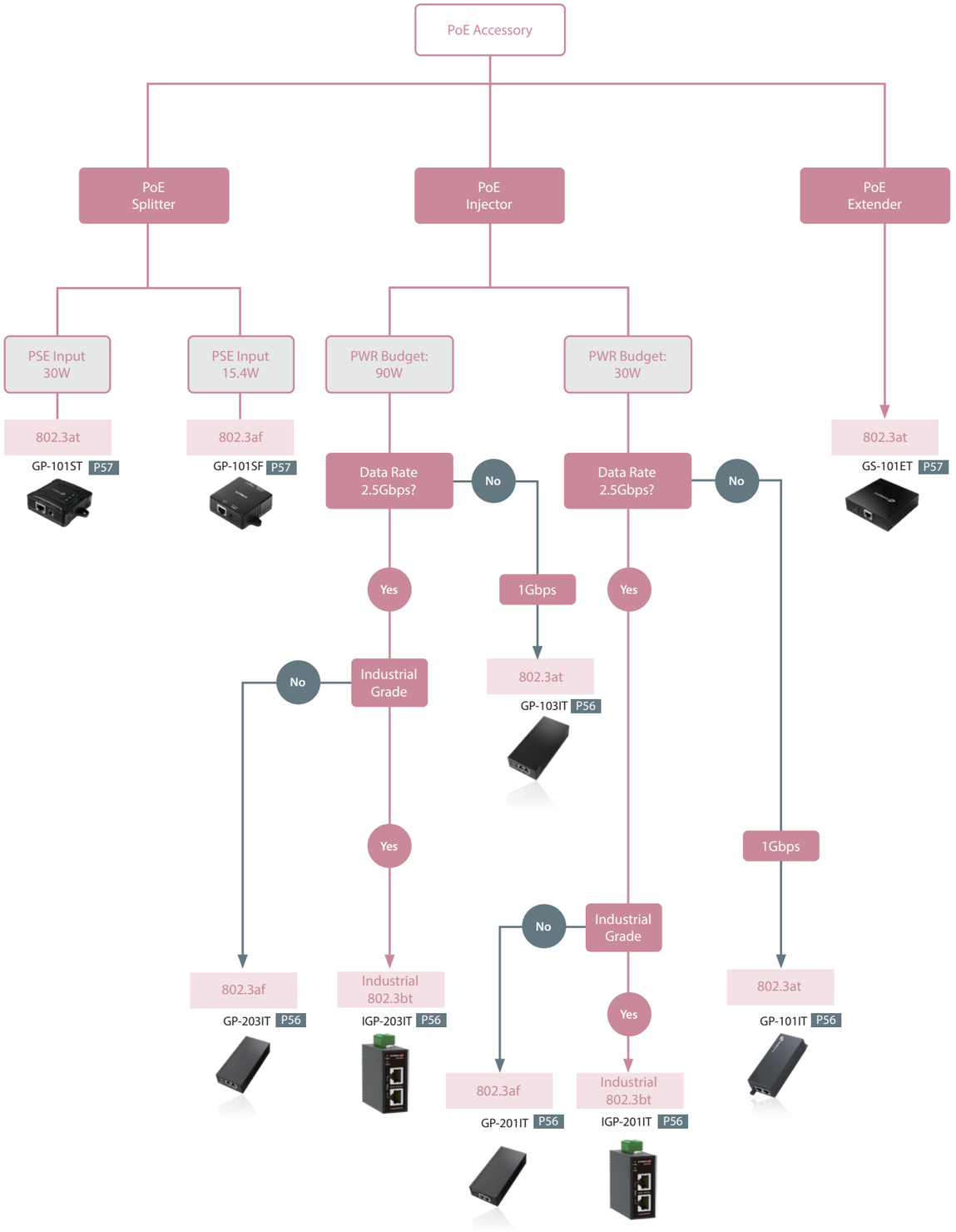
Access points, installed on a pole, wall or ceiling where AC outlets are unreachable, are commonly PoE compatible to allow flexible deployment for best Wi-Fi coverage.

VoIP Conference

For the VoIP phones, there's no need to support desktop phones with additional power supply as power is transmitted along with data through PoE technology.

Other PoE Devices

Other PoE-enabled devices such as RFID readers, access controls, thin clients, alarms or sensors, benefits with easy and cost saving installation even when it is away from AC outlets.



Accessory

PoE Injectors, Splitters and Extenders

EDIMAX PoE Injectors, PoE Splitters and PoE Extenders deliver a cost-effect solution for power distribution., and provide a seamless way of deployment on existing network infrastructure.
Compliant with IEEE 802.3a f/at/bt standards, EDIMAX PoE accessories enable non-PoE devices such as IP camera, Wi-Fi AP, 5G CPE, VoIP, POS system, Digital signage, Smart lighting system.

	PoE Injector	PoE Splitter	PoE Extender
Model #	GP-203IT GP-201IT GP-103IT GP-101IT ------ Industrial IGP-201IT IGP-203IT	GP-101ST GP-101SF	GP-101ET

GP-203IT

Data Rate	2.5GbE
Standard	802.3bt
Power Budget	90W
Mounting	Wall-mounted
Housing	Metal case

GP-201IT

Data Rate	2.5GbE
Standard	802.3at
Power Budget	30W
Mounting	Wall-mounted
Housing	Metal case

GP-103IT

Data Rate	1 Gbps
Standard	802.3bt
Power Budget	90W
Mounting	Wall-mounted
Housing	Metal case

GP-101IT

Data Rate	1 Gbps
Standard	802.3at
Power Budget	30W
Mounting	Wall-mounted

IGP-203IT

Industrial-Grade

Data Rate	2.5GbE
Standard	802.3bt
Power Budget	90W
Mounting	DIN-rail mounted Wall-mounted
Housing	Metal case
Operating Temperature	-40~75°C

IGP-201IT

Industrial-Grade

Data Rate	2.5GbE
Standard	802.3at
Power Budget	30W
Mounting	DIN-rail mounted Wall-mounted
Housing	Metal case
Operating Temperature	-40~75°C

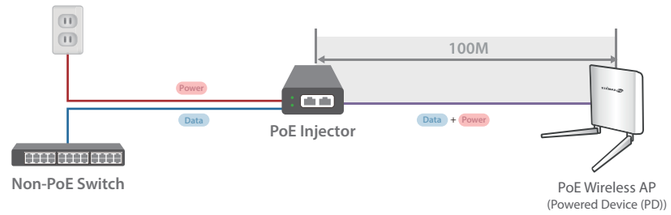
	PoE Injector					
	GP-203IT	GP-201IT	IGP-203IT	IGP-201IT	GP-103IT	GP-101IT
Data Rate (Max.) (Gbps)	2.5Gbps	2.5Gbps	2.5Gbps	2.5Gbps	1Gbps	1Gbps
PoE Standard	802.3bt	802.3at	802.3bt	802.3at	802.3bt	802.3at
Power Input (Max.)	AC100-240V, 1.5A	AC100-240V, 1.5A	DC 48-57V ⎓1.95A	DC 48~57V ⎓0.6A	AC100-240V, 1.5A	AC100-240V, 0.6A
PoE Output (Max.)	PoE 90W	PoE 30W	PoE 90W	PoE 30W	PoE 90W	PoE 30W
Mounting	Wall-mounted	Wall-mounted	DIN-rail mounted Wall-mounted		Wall-mounted	Wall-mounted
Housing	Metal case					Plastic
Dimension(W x D x H)	73 x 154 x 36 mm	73 x 154 x 36 mm	27 x 60 x 85 mm		73 x 154 x 36 mm	58 x 155 x 36 mm
Certifications	CE (EU) FCC (USA) BSMI(Taiwan)	CE (EU) FCC (USA) RCM(AU & NZ)	CE (EU) FCC (USA) EMC: 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). Vibration: IEC 60068-2-6; Free Fall:IEC60068-2-32; Shock: IEC60068-2-27	CE (EU) FCC (USA) BSMI(Taiwan)	CE (EU) FCC (USA) BSMI(Taiwan)

	PoE Splitter	
	GP-101ST	GP-101SF
Data Rate (Max.) (Gbps)	1Gbps	1Gbps
Input Power	30W(Max.), 802.3af/at/bt	15.4W(Max.), 802.3af/at/bt
Output Power	Adjustable DC5V, 9V or 12V	Adjustable DC5V, 9V or 12V
Operating Temperature	0 to 60°C	0 to 60°C
Mounting	Wall-mounted	Wall-mounted
Dimension(W x D x H)	63 × 64 × 23 mm	63 × 64 × 25 mm

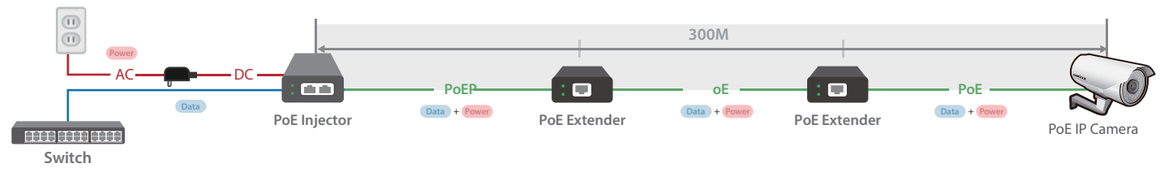
	PoE Extender
	GP-101ET
Data Input (Gbps)	1Gbps
PoE Power Input	30W(Max.), 802.3af/at/bt
Data Output (Gbps)	1
Power Output	30W(Max.), 802.3af/at
Mounting	Wall-mounted
Housing	Metal case
Dimension(W x D x H)	86.8 x 79.3 x 25.8 mm

Application Diagrams

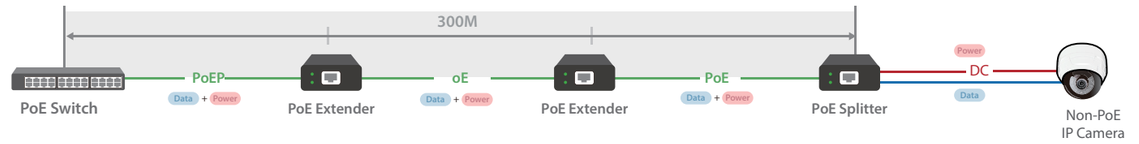
PoE Injector



PoE+ Injector & PoE+ Extender



PoE+ Extender & PoE+ Splitter



Accessory Network Switch Accessory

EDIMAX optical tranceiver MG-1000 series, MG-10G series Small Form-Factor (SFP) Pluggable 1G/ 10 Gigabit Modules serve the purpose of extending network transfer distances. Attached to switches, the modules have the ability to extend distances to several kilometers or even tens of kilometers based on network demand, which in turn lowers costs.
EA1 Series SFP+ Direct Attached Cable (DAC) assembly with 2 SFP+ connectors at both ends offers high-performance, cost-effective solutions for 10G Ethernet and 10G Fiber channel applications to achieve high port density. It is suitable for very short distances to connect within racks and adjacent racks to fill the expanding need for cost effective interconnects.

	Optical Transceiver	DAC
Model #	MG-1000 Series MG-10G Series MG-1000AT Series	EA1- Series

Optical Transceiver

1 Gbps

10 Gbps

MG-1000 Series : 1000Base-T SX LX SFP Module

SFP modules come with LC connectors. Gigabit Ethernet operates at 1,250 Mbps over the optical interface.
- Compliant with Small Form Factor Pluggable MSA
- Compliant with Class 1 Laser International Safety Standard IEC 825
- Compliant with EN60825-1 and FDA 21 CFR 1040.10 and 1040.11

MG-10G Series : 10GBase-SX LX SFP Module

SFP+ modules come with LC connectors. 10Gigabit Ethernet operates at 10Gbps over the optical interface.
- Compliant with Small Form Factor Pluggable MSA
- Compliant with Class 1 Laser International Safety Standard IEC 825
- Compliant with EN60825-1 and FDA 21 CFR 1040.10 and 1040.11

	Optical Transceiver							
	MG-1000AMA V2	MG-1000AMB V2	MG-1000AS1 V2	MG-1000AS3 V2	MG-1000PU1 V2	MG-1000PD1 V2	MG-10GAMA V2	MG-10GAS1
	1 Gbps						10 Gbps	
Wavelength	850 nm	1310nm	1310nm	1310nm	T1310/R1550	T1550/R1310	850 nm	1310nm
Connector Type	LC						LC	
Media	MMF		SMF				MMF	SMF
TX Power (dBm)	-3 ~ -10 dBm	0 ~ -10 dBm	-3 ~ -9.5 dBm	-3 ~ -9.5 dBm	-3 ~ -9 dBm	-3 ~ -9 dBm	-1 ~ -7 dBm	0 ~ -10 dBm
RX Sensitivity	-20 dBm	-20 dBm	-21 dBm	-24 dBm	-23 dBm	-23 dBm	-9.9 dBm	-10 dBm
Power Budget	10.0 dB	10.0 dB	11.5 dB	21 dB	14.0 dB	14.0 dB	10.0 dB	10.0 dB
Distance	550m	2km	10km	30km	10km	10km	300m	10km

SFP to RJ45 Transceiver

1 Gbps

MG-1000AT Series : 1000Base-T Copper SFP Module

Gigabit Copper SFP Modules that plug into the standard SFP interface and convert to RJ45 port

	SFP to RJ45 Transceiver	
	MG-1000AT	MG-100ATI*
	1 Gbps	
Connector Type	RJ-45	RJ-45
Distance	100m	100m

* Industrial-Grade availiable: robust design for enhanced reliability in industrial grade, operating temperature: -40~85C

DAC

10 Gbps

EA1 Series: 10GbE SFP+ DAC Direct Attach Cable

SFP+ Direct Attached Cable (DAC) assembly with 2 SFP+ connectors at both ends offers high-performance, cost-effective solutions for 10G Ethernet and 10G Fiber channel applications to achieve high port density
- Compliant with SFP+ MSA (Multi-Source Agreement)
- Compliant with SFF 8431, SFP+ High Speed Electrical Interface
- Compliant with SFF-8472, Digital Diagnostic Monitoring Interface for Optical Transceivers

	DAC			
	EA1-005D	EA1-010D	EA1-020D	EA1-030D
	10 Gbps			
Length	0.5m	1m	2m	3m
Connector Type	SFP+ to SFP+			
Data Rate	Up to 10Gbps	Up to 10Gbps	Up to 10Gbps	Up to 10Gbps
Bit Error Rate (BER)	$>10^{-12}$	$>10^{-12}$	$>10^{-12}$	$>10^{-12}$
Conductor Gauge	30AWG	30AWG	30AWG	30AWG

Catagory			Modal # / Switch Modal #	MG-10G Series	MG-1000 Series	MG-1000AT Series	EA1- Series
				10GbE	1GbE	1GbE	10GbE
	Series	Uplink Port		SFP/ SFP+ Module			DAC
L2 Managed PoE	Surveillince VLAN	10G	TGS-5428PLX	10G	1G	1G	10G
		10G	GS-5424PLX V2	10G	1G	1G	10G
		1G	GS-5424PLC V2/V3	1G	1G	1G	1G
		1G	GS-5216PLC V1/V2	1G	1G	1G	1G
		1G	GS-5210PL	1G	1G	1G	1G
	Surveillince VLAN Wide Temperature Range	10G	IGS-5654PLX	10G	1G	1G	10G
		1G	IGS-5428PLC	1G	1G	1G	1G
		1G	IGS-5218PLC	1G	1G	1G	1G
	Hi-density	10G	GS-5654PLX V2	10G	1G	1G	10G
Web Smart PoE	Muti-Giga	10G	TGS-3109PLX	10G	1G	1G	10G
	Gigabit	1G	GS-5210PLG	1G	1G	1G	1G
		1G	GS-5208PLG V2	1G	1G	1G	1G
Industrial PoE	L2 Managed	1G	IGS-5416P	1G	1G	1G	1G
		1G	IGS-5408P	1G	1G	1G	1G
	Unmanaged	1G	IGS-1210P V2	1G	1G	1G	1G
		1G	IGS-1105P	1G	1G	1G	1G
L2 Managed	L2 Managed	10G	GS-5654LX	10G	1G	1G	10G
		10G	GS-5424LX	10G	1G	1G	10G
		1G	GS-5424G	1G	1G	1G	1G
	L2+ Managed	10G	FS-5428X	10G	1G	1G	10G
Industrial Managed	L2	1G	IGS-5208	1G	1G	1G	1G
Unmanaged	Gigabit	1G	GS-1026 V3	1G	1G	1G	1G

Category	Input Interface	Output Interface	Data Rate: 10Gbps	2.5Gbps	1Gbps	100Mbps
USB to Ethernet Adapter	USB-C	RJ45 Port		EU-4307 V2	EU-4306C	
		1 x RJ45 Port 3 x USB3.0 Type A Port			EU-4308	
	USB-A	RJ45 Port			EU-4306 V2	EU-4208
PCIe to Ethernet Adapter	PCIe	RJ45 Port	EN-9320SFP+ V2	EN-9225TX-E	EN-9260TX-E V2	

Accessory Network Adapter

EDIMAX Network Adapters, including USB to Ethernet Solution and PCIe to Ethernet Solution, fit with your laptops and desktop computers that lacks an onboard Ethernet port, and enable you to instantly upgrade your network connectivity with a lightning-fast speed of up to 10G/1G/2.5Gbps. With a stable and fast wired Ethernet port, you can connect to an internet network in locations where Wi-Fi is unreliable or unavailable. Expand your connection speed with lag-free experience for gaming, live video and audio streaming. Its compact size is convenient to carry, perfect for working, traveling and for business. Moreover, EDIMAX Network Adapters support mainstream operating systems, including Windows, Mac OS, Linux OS, Chrome OS, Android OS and Nintendo Switch System

	USB to Ethernet	PCIe to Ethernet
Model #	EU-4307 V2 EU-4306C EU-4306 EU-4308 EU-4208	EN-9320SFP+ V2 EN-9225TX-E EN-9260TX-E V2

USB to Ethernet

EU-4307 V2

Data Rate: 2.5GbE
Input Interface: USB3.2 gen 1, Type C
Output Interface: 2.5Gbps RJ45 Port
OS Supported: WIN 7/8.1/10/11 | macOS 10.x | WIN10/11 IOT

EU-4306C

Data Rate: 1GbE
Input Interface: USB3.2 gen 1, Type C
Output Interface: 1Gbps RJ45 Port
OS Supported: WIN 8.1/10/11 | macOS 10.x/ 11 | Nintendo Switch OS | Linux | Ubuntu | WIN10/11 IOT | Chrome OS | Raspbian 6.x

EU-4306 V2

Data Rate: 1GbE
Input Interface: USB3.2 gen 1, Type A
Output Interface: 1Gbps RJ45 Port
OS Supported: WIN 8.1/10/11 | macOS 10.x/ 11 | Nintendo Switch OS | Linux | Ubuntu | WIN10/11 IOT | Chrome OS | Raspbian 6.x

EU-4308

Data Rate: 1GbE
Input Interface: USB3.2 gen 1, Type C
Output Interface: 1 x 1Gbps RJ45 Port | 3 x USB 3.0 Type A Port
OS Supported: WIN 8.1/10/11 | macOS 10.x/ 11 | Nintendo Switch OS | Linux | Ubuntu | WIN10/11 IOT

EU-4208

Data Rate: 100Mbps
Input Interface: USB2.0, Type A
Output Interface: 100Mbps RJ45 Port
OS Supported: WIN 8.1/10/11 | macOS 10.x/ 11 | Nintendo Switch OS | Linux | Ubuntu | WIN10/11 IOT | Raspbian 6.x

PCIe to Ethernet

EN-9320SFP+ V2

Data Rate: 10GbE
Input Interface: PCIe Gen 3 x 4 Host Bus Interface
Output Interface: 10G SFP+ port
OS Supported: WIN 8.1/10//11 | WIN10/11 IOT | Linux | Fedora : 3.11~5.5 | Ubuntu : 5.4~5.15

EN-9225TX-E

Data Rate: 2.5GbE
Input Interface: PCIe Gen 2 x 1 Host Bus Interface
Output Interface: 2.5Gbps RJ45 port
OS Supported: WIN 8.1/10//11 | WIN10/11 IOT | Linux | Fedora : 3.11~5.5 | Ubuntu : 5.4~5.15

EN-9260TX-E V2

Data Rate: 1GbE
Input Interface: PCIe Gen 1.1 x 1 Host Bus
Output Interface: 1Gbps RJ45 port
OS Supported: WIN 8.1/10//11 | Linux | Ubuntu 19.x | WIN10/11 IOT

	USB to Ethernet				
	EU-4307 V2	EU-4306C	EU-4306 V2	EU-4308	EU-4208
Data Rate (Max.)	2.5Gbps	1Gbps	1Gbps	1Gbps	100Mbps
Input Power	USB3.2 Gen 1, Type C	USB3.2 Gen 1, Type C	USB3.2 Gen 1, Type A	USB3.2 Gen 1, Type C	USB2.0, Type A
Output Power	2.5Gbps RJ45 Port	1Gbps RJ45 Port	1Gbps RJ45 Port	1 x 1Gbps RJ45 Port 3 x USB3.0 Type A Port	100Mbps RJ45 Port
Certifications	CE, FCC, BSMI	CE, FCC	CE, FCC	CE, FCC	CE, FCC
OS Supported	WIN 7/8.1/10/11, macOS 10.x, WIN10/11 IOT	WIN 8.1/10/11, macOS 10.x/ 11, Nintendo Switch OS, Linux, Ubuntu WIN10/11 IOT, Chrome OS, Raspbian 6.x	WIN 8.1/10/11, macOS 10.x/ 11, Nintendo Switch OS, Linux, Ubuntu WIN10/11 IOT, Chrome OS, Raspbian 6.x	WIN 8.1/10/11, macOS 10.x/ 11, Nintendo Switch OS, Linux, Ubuntu WIN10/11 IOT	WIN 8.1/10/11, macOS 10.x/ 11, Nintendo Switch OS, Linux, Ubuntu WIN10/11 IOT Raspbian 6.x

	PCIe to Ethernet		
	EN-9320SFP+ V2	EN-9225TX-E	EN-9260TX-E V2
Data Rate (Max.)	10Gbps	2.5Gbps	1Gbps
Input Power	PCIe Gen 3 x 4 Host Bus Interface	PCIe Gen 2 x 1 Host Bus Interface	PCIe Gen 1.1x 1 Host Bus Interface
Output Power	10G SFP+ Port	1Gbps RJ45 port	2.5Gbps RJ45 port
Certifications	CE, FCC	CE, FCC, BSMI	CE, FCC
OS Supported	WIN 8.1/10/11, WIN10/11 IOT Linux Fedora : 3.11~5.5 Ubuntu : 5.4~5.15	WIN 8.1/10/11, WIN10/11 IOT Linux Fedora : 3.11~5.5 Ubuntu : 5.4~5.15	WIN 7/8.1/10/11, WIN10/11 IOT Linux kernel: 2.6~2.4

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