

MARVEL

Дистрибуция

Корпоративные решения **EDIMAX**

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План вебинара

- **Об Edimax**
- **Коммутаторы для корпоративных сетей**
- **Edimax Pro WiFi**
- **Технологии. ONVIF**
- **Другие продукты**

EDIMAX PROFILE

- 1986 Established with over 35 years of ICT industry experience
- 2001 Public listing, stock symbol 3047
- Top 35 Taiwan international brand (Interbrand)
- 1500+ Employees around the world
- HQ in Taiwan and 3 large research facilities located worldwide
- Own manufacturing capability with design teams in Taiwan
- Belongs to group of companies: Acelink, Comtrend, Edimax



Коммутаторы



**Коммутаторы.
Оборудование и ПО**

- **1. Web Smart**
- 2. 2.5Gbit and 10Gbit**
- 3. Solar with controller function**
- 4. Industrial**
- 5. Unmanaged**
- 6. NMS for switches**

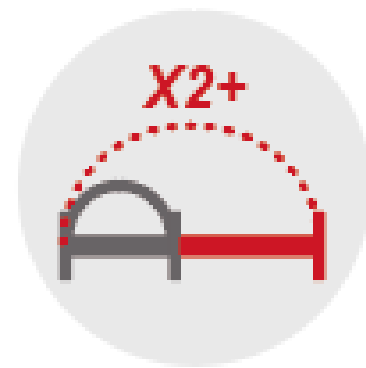
Web Smart Switches

Functionality, Security and Manageability at a Low Cost with Great Value.

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



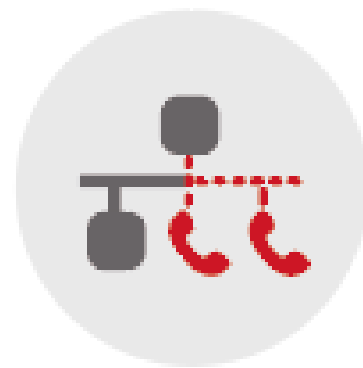
Surveillance
VLAN



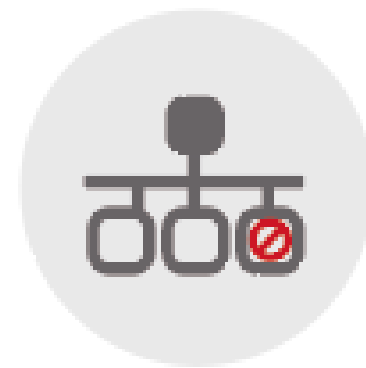
Long Range
Mode



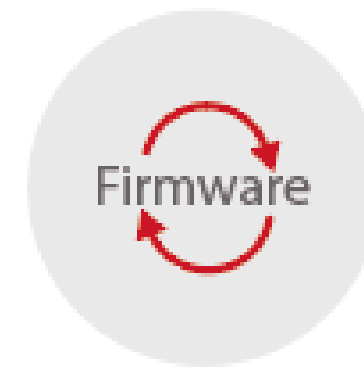
PoE PD
Alive Check



Voice IP
VLAN



DHCP
Snooping



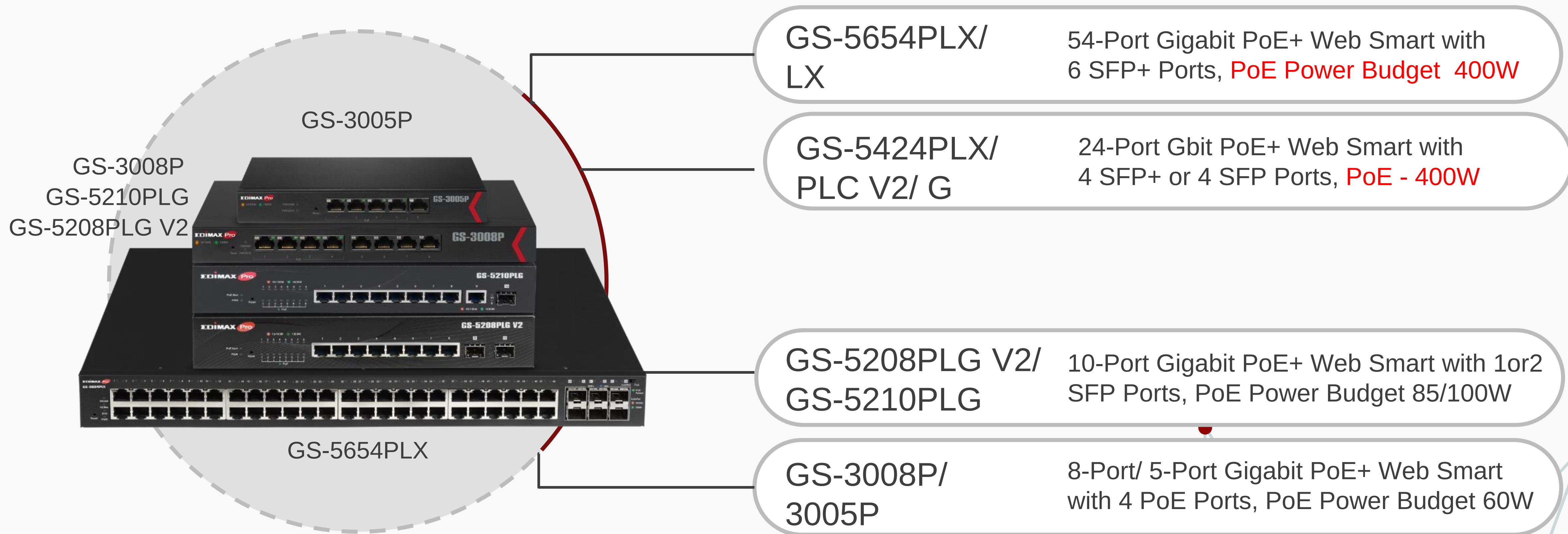
Dual
Firmware



PoE Backfeed
Protection

Web Smart Switch

Functionality, Security and Manageability



Multi-Giga PoE Switch

MP Model	New models coming in 2023	
 Web Smart	TGS-3109PLX • 2.5GbE Port * 8, 10G SFP+ *1 • Web Smart management • Power budget:160W	 10GbE L2
	TGS-5218PX • 2.5GbE Port*16; 10GbE SFP+ Port *2 • Rich L2 features including SNMP v3, ACL, IGMP, LLPD-MED, • Power Budget: 400W	 PoE 90W
		10GbE L2  PoE 90W
	TGS-5630PLX • 10GbE SFP+ Port *6 + 2.5GbE Port*24 • Rich L2 features including SNMP v3, ACL, IGMP, LLPD-MED, • Power Budget: 550W	

L2 Multi-Giga 10G Switch

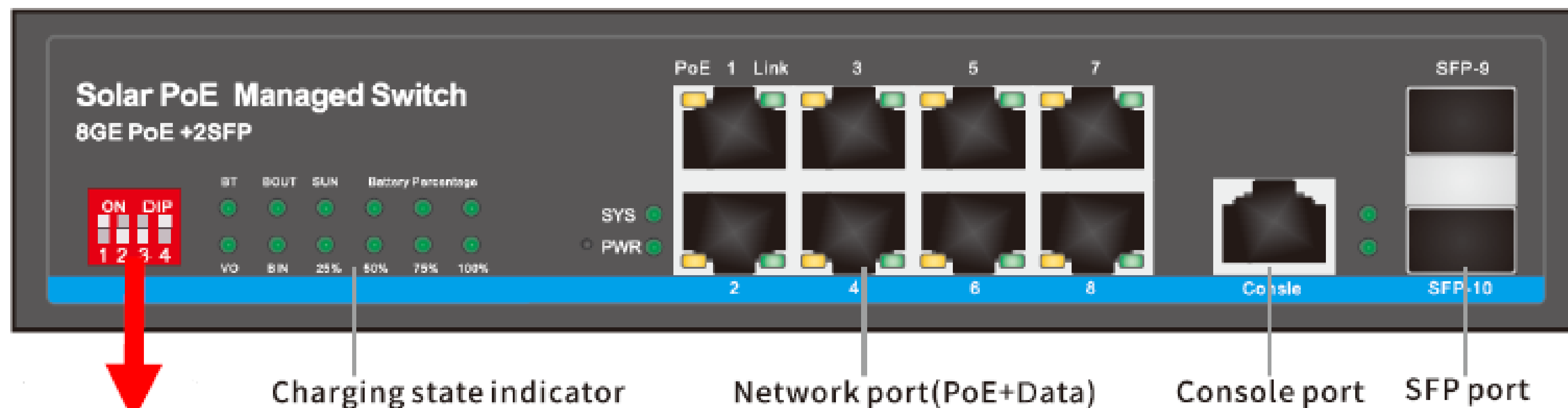
MP Model	2023Q1	2023Q2	2023Q3
  	 XGS-5008 V2 • 10GbE Port *8 • Rich L2 features including SNMP , ACL, IGMP, LACP, LLPD-MED • Backplane:160Gbps • Jumbo frame: 16k	 XGS-5012F • 10GbE SFP+ * 12 • Rich L2 features including SNMP , ACL, IGMP, LACP, LLPD-MED • Backplane:240Gbps • Jumbo frame: 16k	   
		 GS-5228XF • 24 SFP Ports + 4 * 10GbE SFP+ • Rich L2 features including SNMP , ACL, IGMP, LACP, LLPD-MED • Jumbo frame: 16k	 

Solar Management Controller + Switch

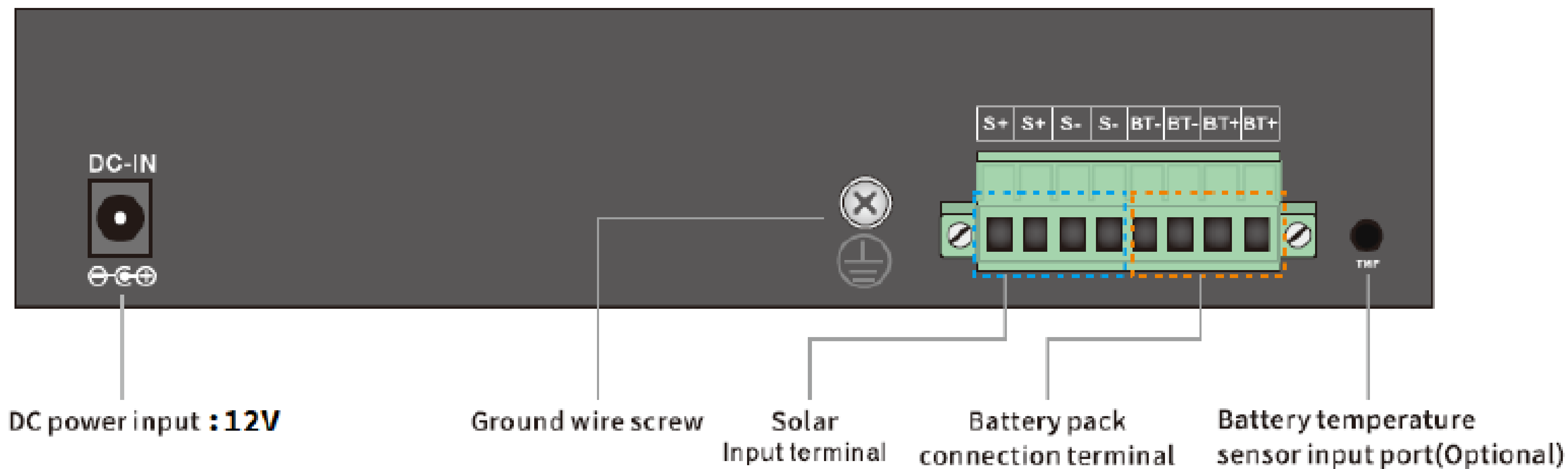


1. Connect Solar panels and Batteries to the switch.
2. Switch Manages the battery charging.
3. Switch provides POE power for Network devices
4. Solution for No-Grid installations.

Solar PoE switch+controller, HA

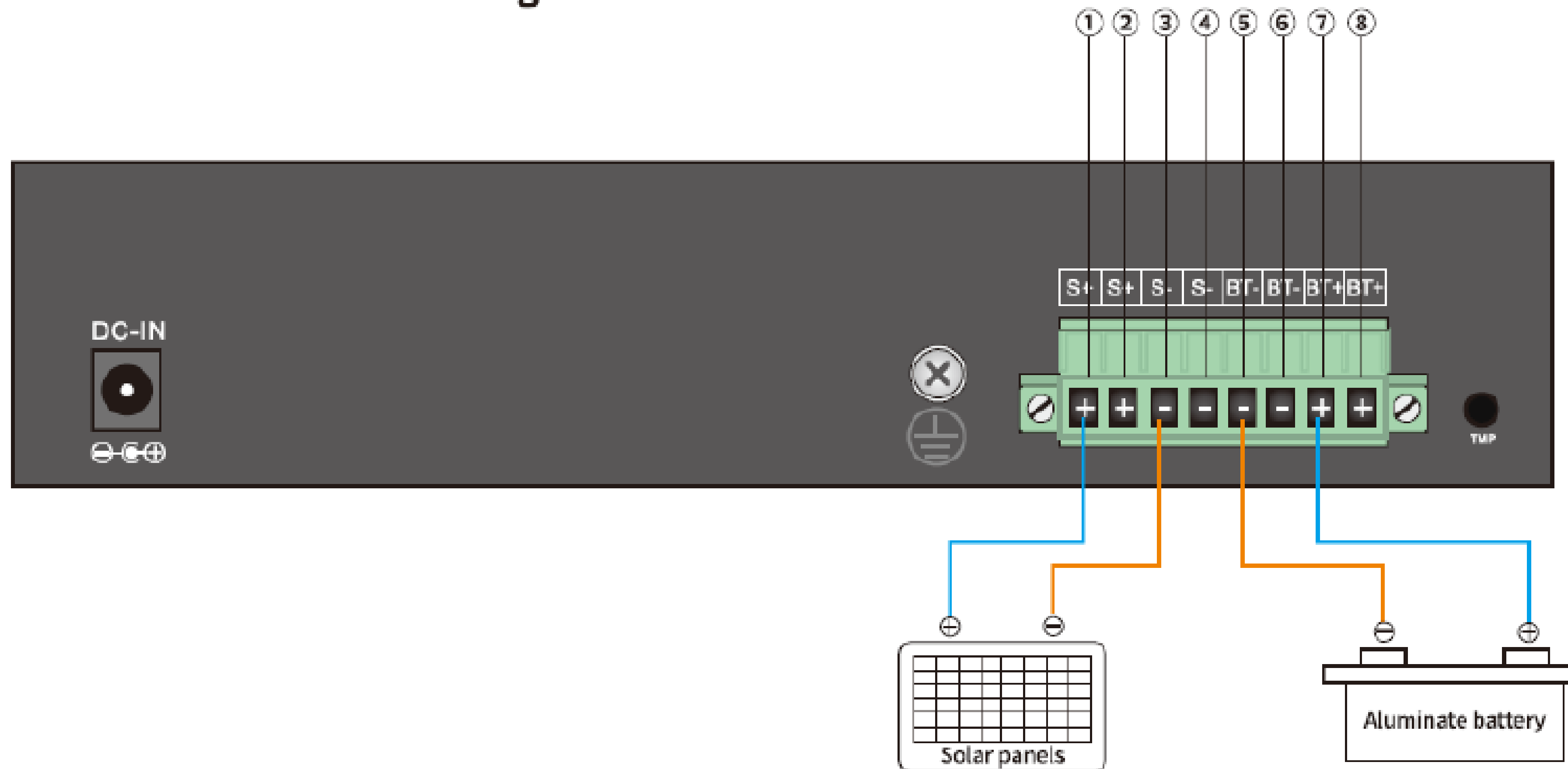


DIP Switch



Solar PoE switch+controller, HA

Controller connection diagram



Notes: ① S+ The first group of solar positive electrodes
③ S- The first group of solar negative electrodes
⑤ BT- The first group of battery negative electrode
⑦ BT+ The first group of battery positive

② S+ Second group of solar positive electrodes
④ S- Second group of solar negative electrodes
⑥ BT- Second group of battery negative electrode
⑧ BT+ Second group of battery positive

Industrial Switch

01

DIN-Rail Industrial Managed Switch



Industrial Grade



IEC Certified

- EMS & EMC
- Vibration
- Shock
- Free Fall



IGS-5416P

IGS-5408P

IGS-5208

IGS-5416P

20-Port Gigabit PoE+ Web Smart
(8 PoE Ports, 8 Ports, and 4 SFP Ports),
PoE Power Budget 240W

IGS-5408P

12-Port Gigabit PoE+ Web Smart with
4 SFP Ports, PoE Power Budget 240W

IGS-5208

10-Port Gigabit Web Smart with 2 SFP
Ports

Industrial Switch

01

DIN-Rail Industrial Managed Switch



IGS-5416P

IGS-5408P

IGS-5208

Rich Layer 2 Features:

- Supports RSTP, MSTP, ERPS, LACP for network redundancy to ensure the network connection reliability
- Supports Storm Control to suppress a packet storm in a network (Storm Protection)
- DHCP snooping to protect the integrity of legitimate DHCP server and its operations
- Supports SNMP v1/v2/v3, Access Control List (ACL), QoS, CoS, STP, 802.1Q VLAN, IPv4/IPv6, Port Trunking, IGMP v1/v2/v3 Snooping and Port Mirror, Dual-firmware image, DHCP snooping and more
- Supports IEEE 1588v2 Precision Time Protocol (PTP) for synchronizing clocks between nodes in a network

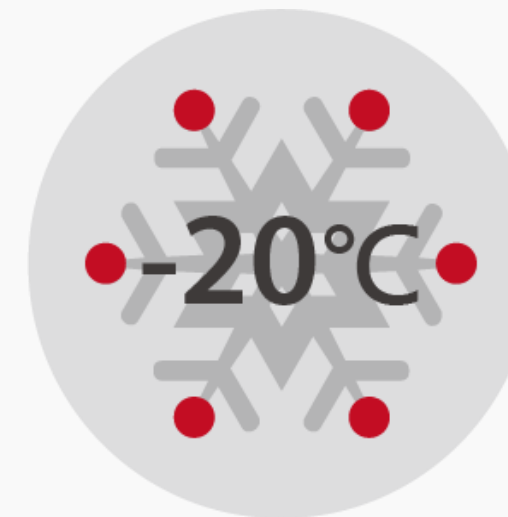
Industrial Switch

02

DIN-Rail Industrial Switch



Industrial Grade



IGS-1210P

12 Port Gigabit PoE+ with 2 SFP Ports,
PoE Power Budget 240W, 6KV Surge
protection

IGS-1105P

5-Port Gigabit PoE+ with 1 SFP Port,
PoE Power Budget 120W, 6KV Surge
protection

IGS-1005

5-Port Gigabit, 6KV Surge protection

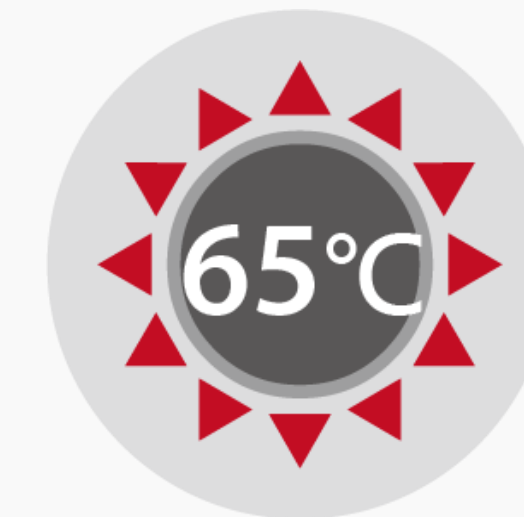
Industrial Switch

03

Rack-Mount
Industrial Switch



Industrial Grade



IGS-5218PLC IGS-5428PLC



IGS-5654PLX

IGS-5654PLX

54-Port Gigabit PoE+ Web Smart with
6 SFP+ Port,
PoE Power Budget 800W

IGS-5428PLC

28-Port Gigabit PoE+ Web Smart with
4 RJ45/SFP Combo,
PoE Power Budget 500W

IGS-5218PLC

18-Port Gigabit PoE+ Web Smart with
2 RJ45/SFP Combo,
PoE Power Budget 360W

Unmanaged Switch

GS-1005BE



- 5 x 2.5 Gigabit LAN Ports
- Durable Metal Casing
- Fanless, Wall-Mount Design
- Energy Saving

GS-1008E V2 / GS-1005E



- 8 or 5 Gigabit LAN Ports
- Durable Metal Casing
- Fanless, Wall-Mount Design
- Energy Saving

ES-5800G V3 / ES-5500G V3
ES-3308P / ES-3305P



- ES-5800G V3/ ES-5500G V3: 8 or 5 Gigabit LAN Ports
- ES-3308P / ES-3305P: 8 or 5 Fast Ethernet LAN Ports
- Compact Desktop Design
- Energy Saving

ES-5104PH V2



- 5 Fast Ethernet LAN Ports with 4 PoE+ Ports (Up to 30W/Port)
- Hardware DIP Switch:
 - Long Range PoE, Guarantee 200M or Above
 - Port-based VLAN and QoS

GS-5218PLC / GS-5224PLC



- 16 / 24 Gigabit PoE+ ports
- 2 SFP+ Gbit uplink ports
- Long range 200m PoE
- PoE port protection

MP Model

2022Q3

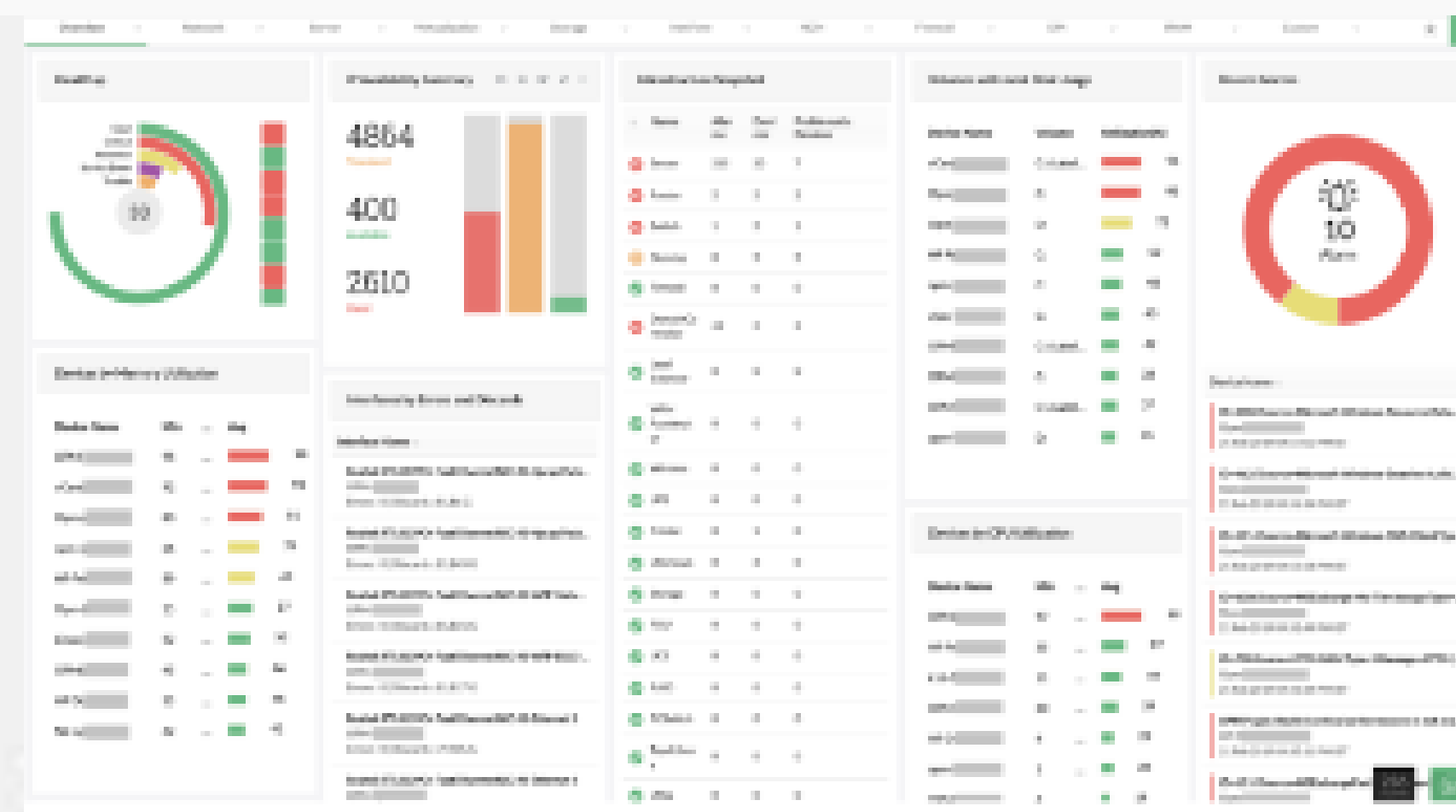
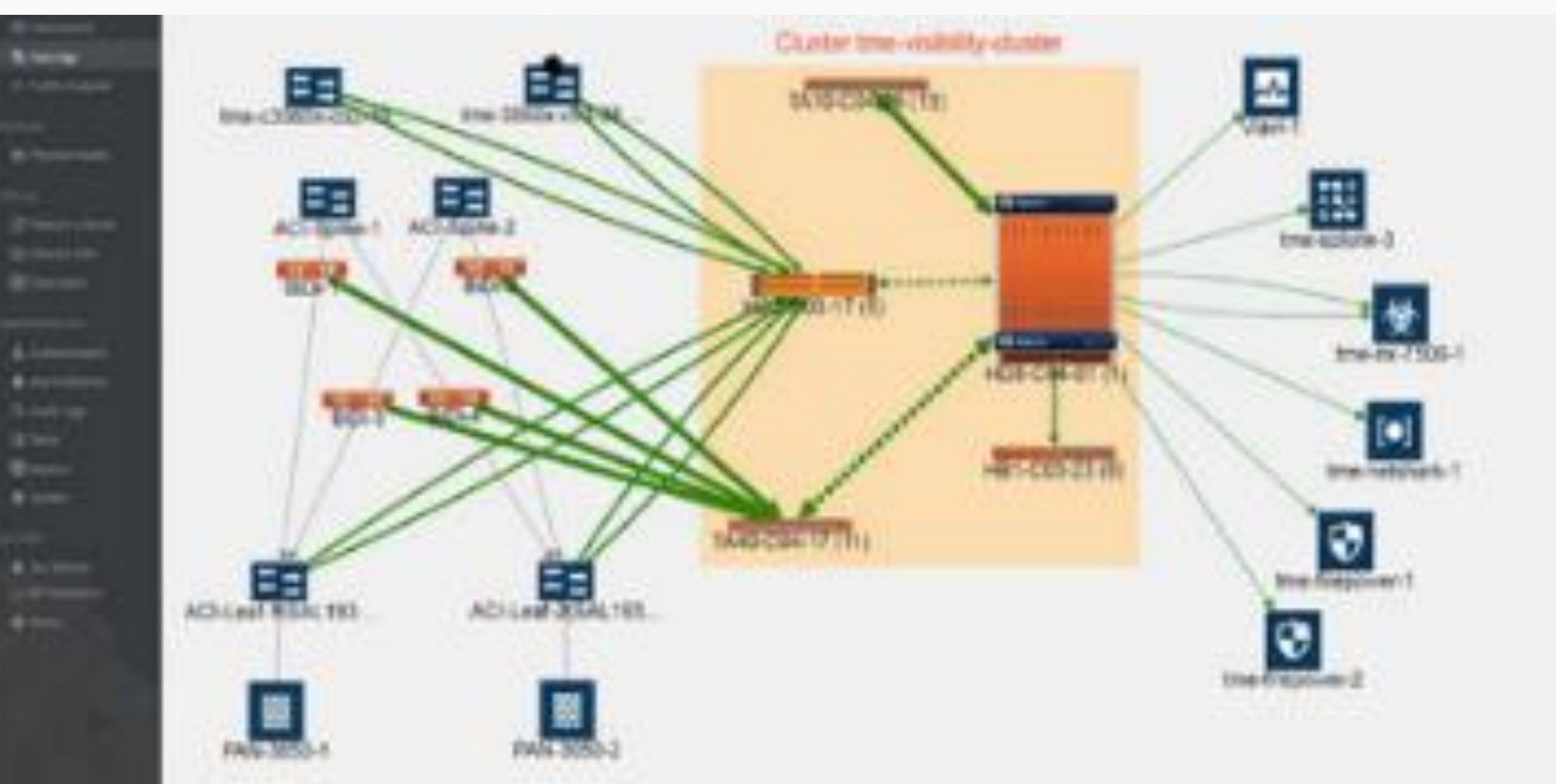
2022Q4

2023Q1

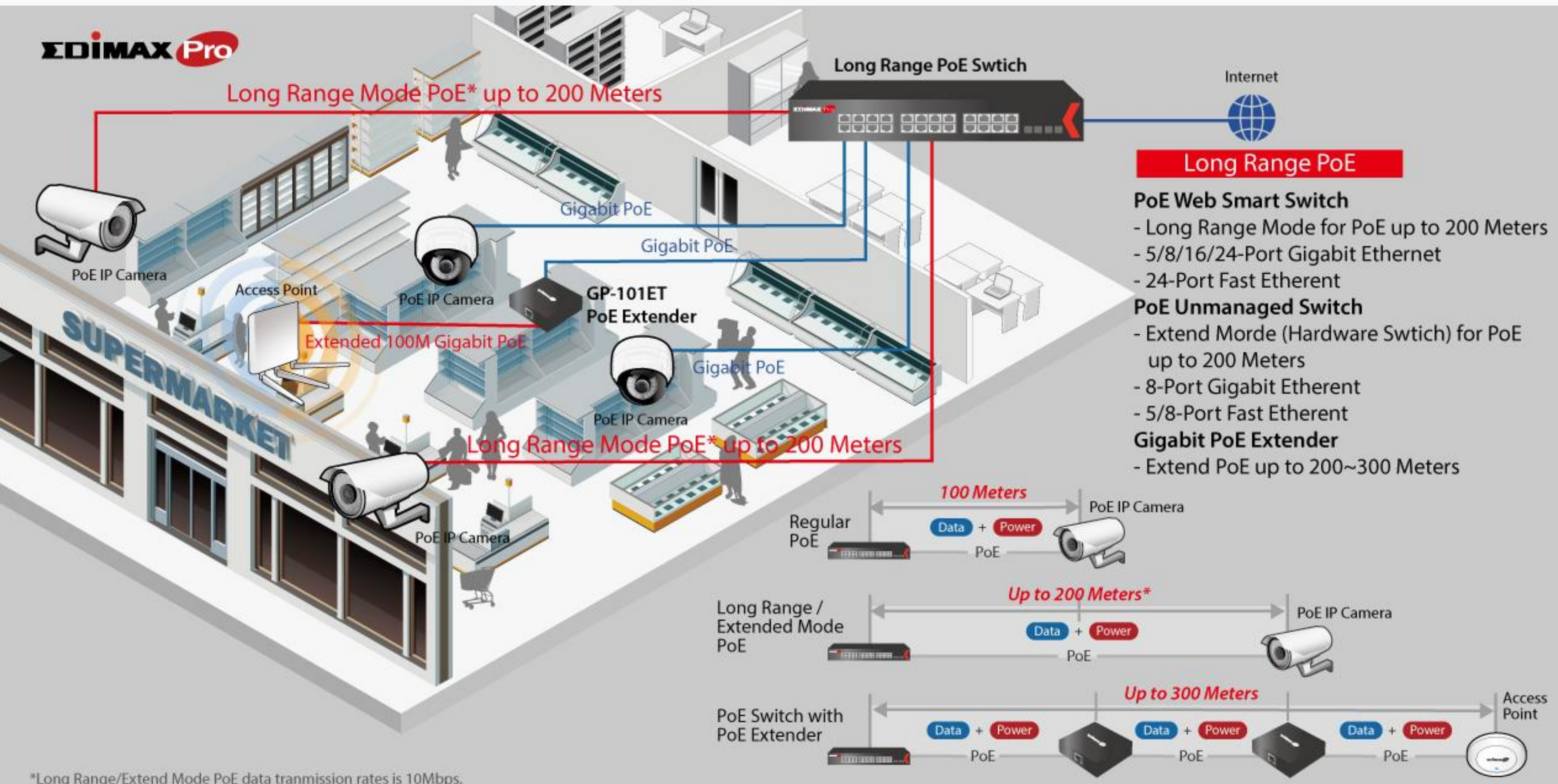


NMS-100

- Web UI including Dashboards, node status, resource graph viewer, geographical and logical topology maps, heat maps, trend analysis
- Auto Network Topology
- Network traffic flow analysis
- N to N analysis
- Event handling
- System Log management
- LLDP-MED management
- RADIUS Server
- DHCP snooping



Long Range PoE

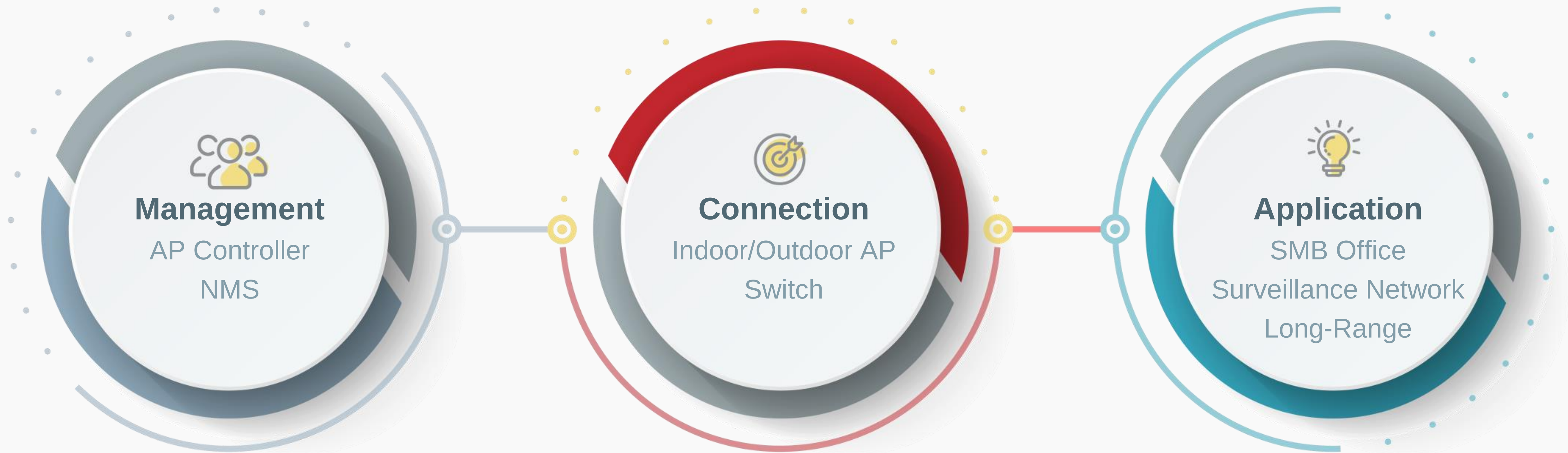


*Long Range/Extend Mode PoE data transmission rates is 10Mbps.

Edimax Pro WiFi



Major Components of SMB Wi-Fi Solution



Choice of Management



APC500

For SMB/SME Level

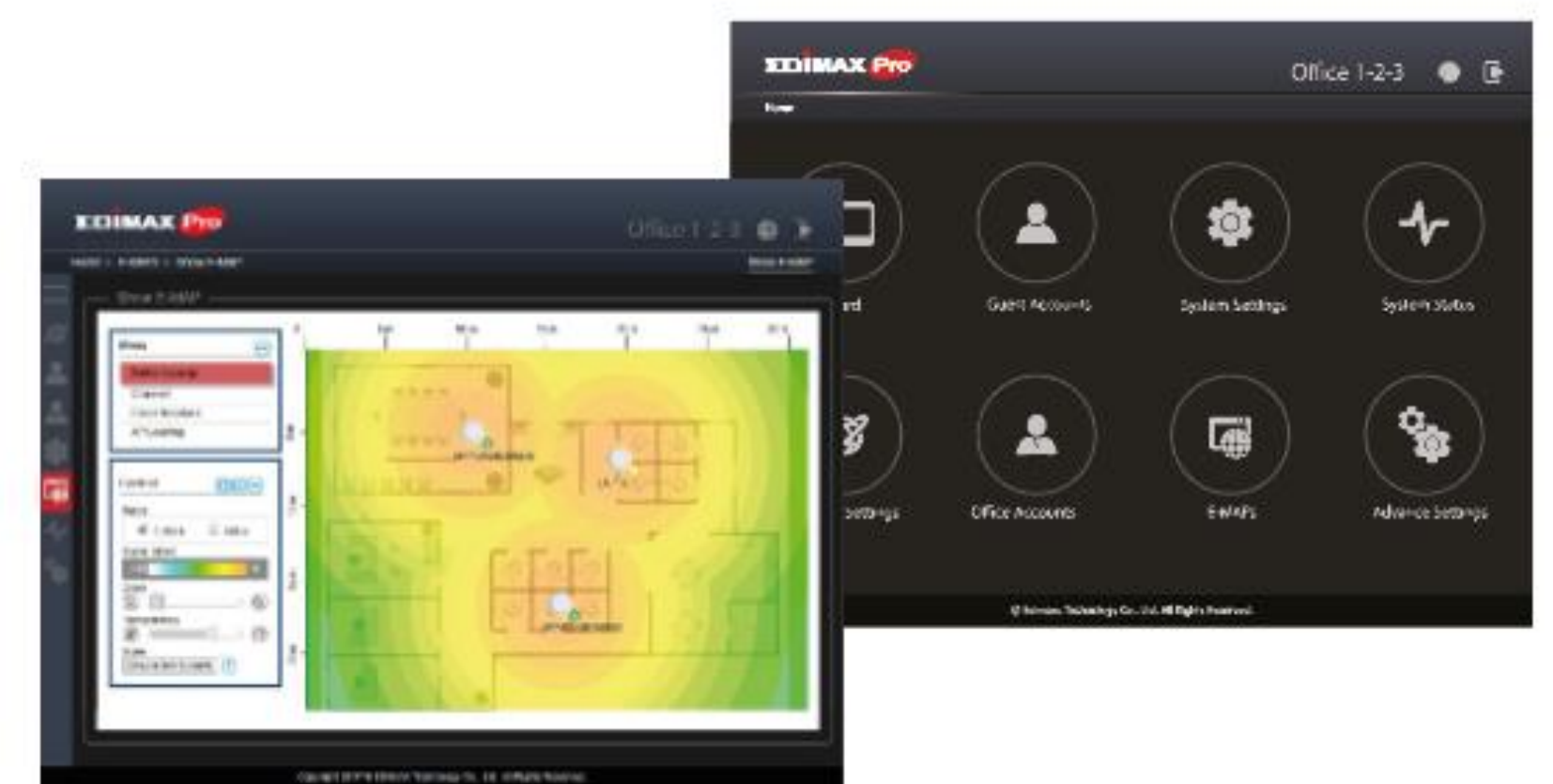
- Manages up to 200 Edimax Pro APs
- Stand-Alone Box
- Centralized & Remote Management



NMS

For Small Project and Offices

- 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



OFFICE 1-2-3

For Small Business and Offices

- Manages up to 16 Office 1-2-3 series APs (One Master AP Manages Other APs)
- Free, Built-in with Office 1-2-3 series AP.

Wi-Fi Access Point

Exceptional Business Wi-Fi
Built for Professional Heavy Users

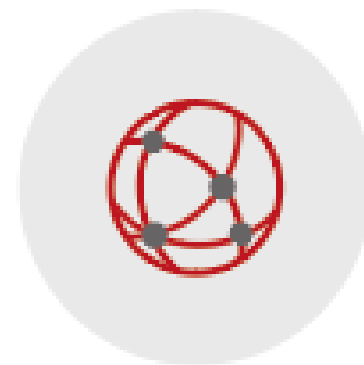
A series of business grade EDIMAX Pro Access Points allows businesses to build the reliable cost-effective wireless networks from indoor to outdoor long range Wi-Fi that drive progress, maintain employee productivity and customer satisfaction.



High Speed
& Efficiency



Wide
Coverage



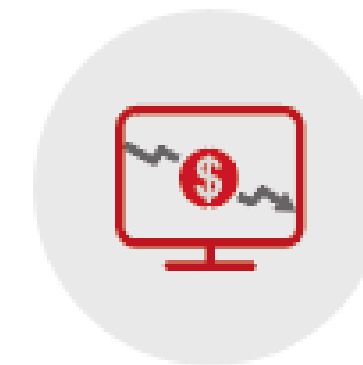
Reliable
Connection



High Density
for BYOD

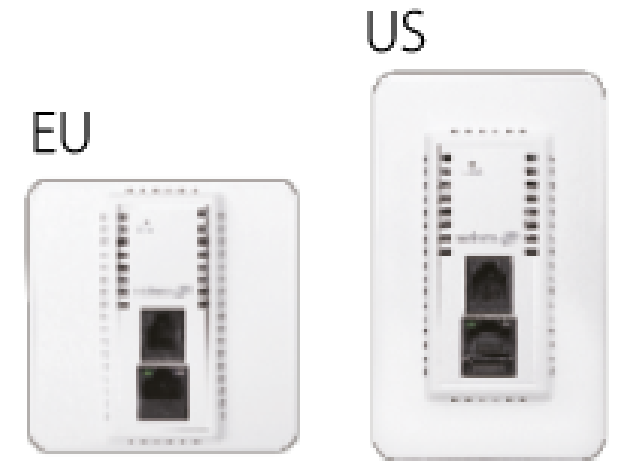


Secure
Access



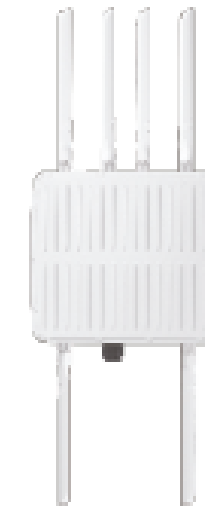
Free & Flexible
Management

Indoor Ceiling-Mount & In-Wall Wi-Fi Access Point



CAX1800	CAP1750	CAP1300	CAP1200	CAP300	IAP1200
Ceiling Mount					In-Wall
2x2 AX Dual-Band Ceiling Mount PoE	3x3 AC Dual-Band Ceiling Mount PoE	2x2 AC Wave 2 Dual-Band Ceiling Mount PoE	2x2 AC Dual-Band Ceiling Mount PoE	2x2 N Ceiling Mount PoE	2x2 AC Dual-Band In-Wall PoE
GbE x 1	GbE x 1	GbE x 2	GbE x 1	GbE x 1	GbE x 2, RJ11 x 2
802.3af	802.3at	802.3af (Support 802.3at)	802.3af (Support 802.3at)	802.3af (Support 802.3at)	802.3af (Support 802.3at)
2 x Built-In PIFA (2 x 2.4Ghz (2.2dBi, 2 x 5GHz (2.9dBi))	6 x Built-in PIFA (3 x 2.4GHz (4.38dBi), 3 x 5GHz (5.34dBi))	4 x Built-in PIFA (2 x 2.4GHz (4dBi), 2 x 5GHz (5dBi))	4 x Built-in PIFA (2 x 2.4GHz (2.82dBi), 2 x 5GHz (4dBi))	2 x Built-in PIFA (2.4GHz (2.82dBi))	2 x Built-in PIFA (2.4GHz (2.14dBi), 5GHz (3.8dBi))

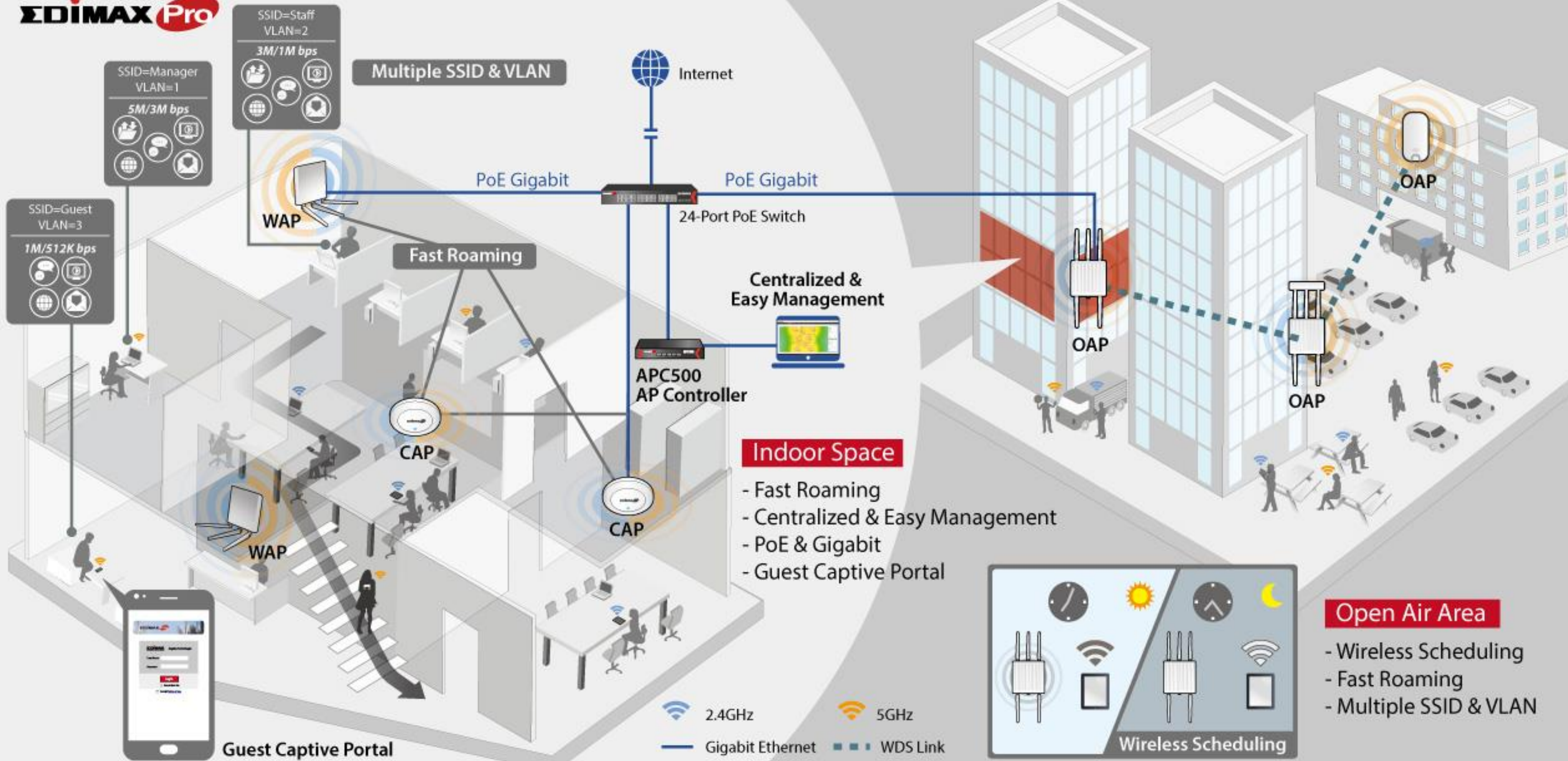
Indoor Wall-Mount & Outdoor Wi-Fi Access Point



WAP1750	WAP1200	OAP1750	OAP1300 / OAP1300 V2	OAP900
Wall Mount		Outdoor Pole-Mount		
3x3 AC Dual-Band Wall Mount PoE	2x2 AC Dual-Band Wall Mount PoE	3x3 AC Dual-Band Outdoor PoE	2x2 AC Wave 2 Dual-Band Outdoor PoE	2x2 AC 5GHz Outdoor PoE
GbE x 2	GbE x 2	GbE x 1	GbE x 2	GbE x 2
802.3at(In)/802.3af(Out) 10W	802.3at	802.3at	802.3at, (LAN1 PoE in, LAN2 PoE out)	Passive PoE, (LAN1 PoE in, LAN2 PoE out)
3 x External (2.4GHz (2dBi), 5GHz (2dBi))	2 x External (2.4GHz (2dBi), 5GHz (2dBi))	6 x External (2.4GHz (4dBi), 5GHz (6dBi))	V1: 2 x External (2.4GHz (5dBi), 5GHz (5dBi)) V2: 2 x Internal (2.4GHz (5dBi), 5GHz (14dBi))	2 x Internal Patch Antenna, 5GHz (15dBi), 2 x SMA Connector for Ext. Ant.

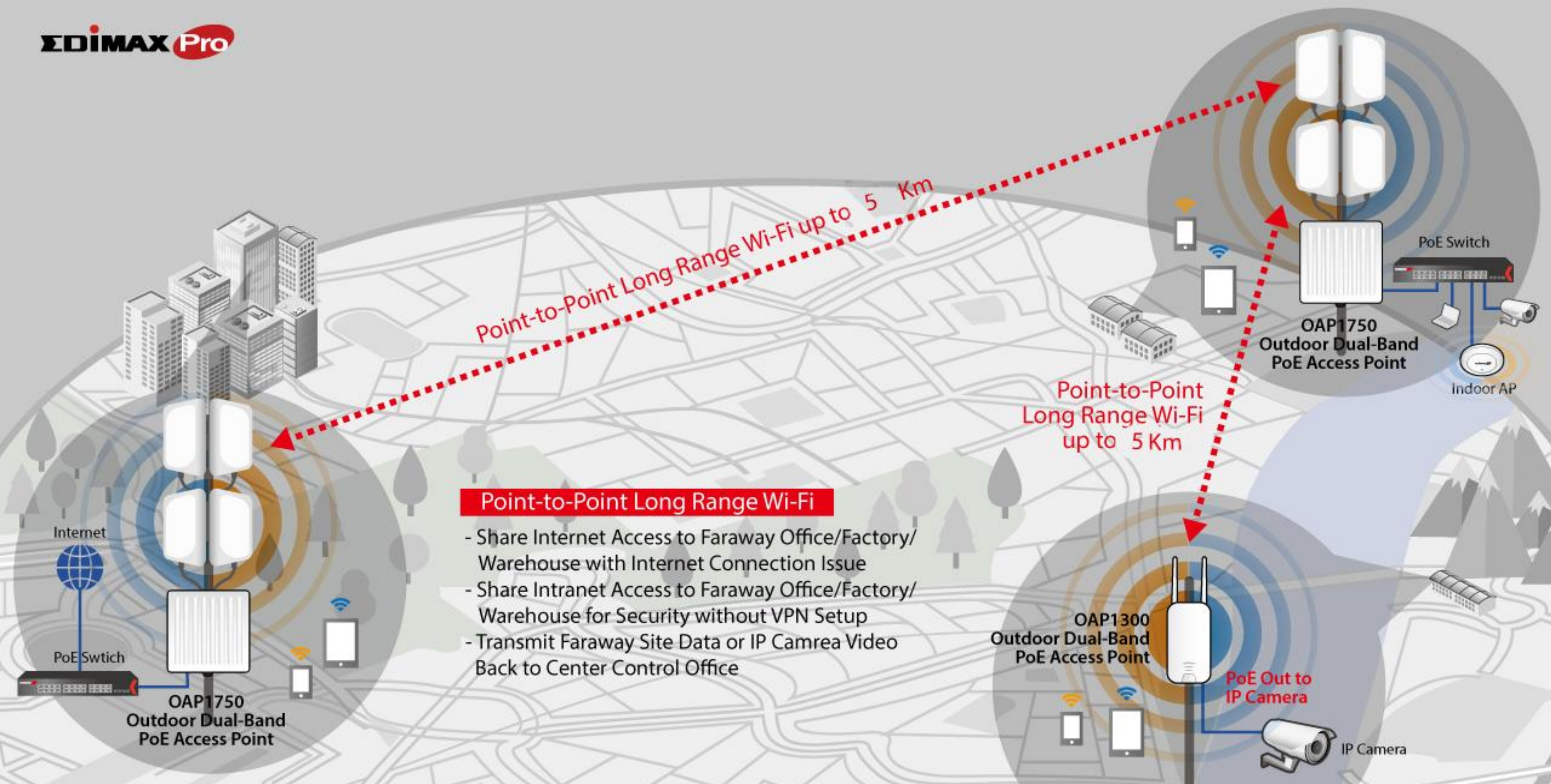
Indoor to Outdoor

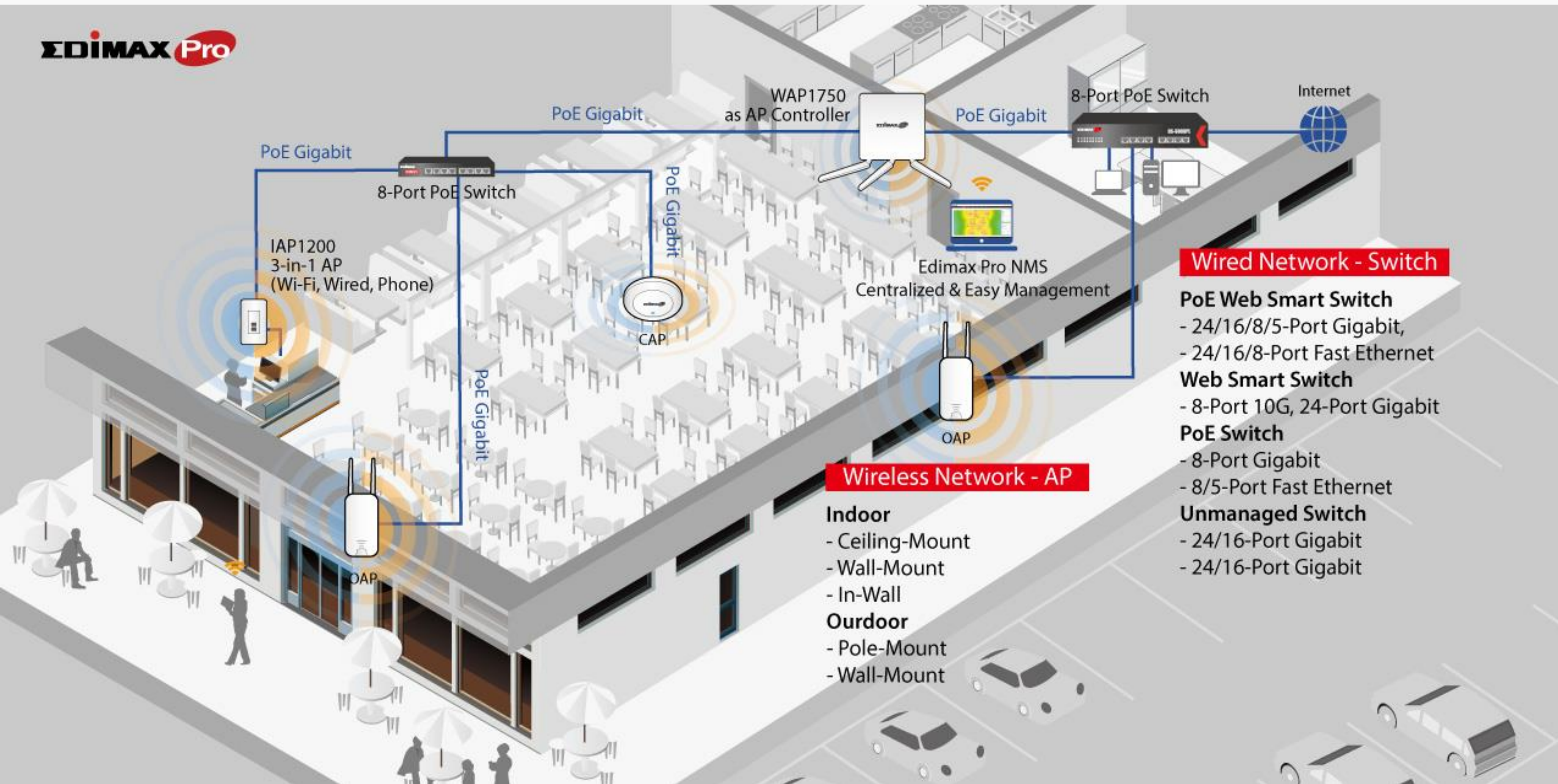
EDIMAX Pro



Long Range Point-to-Point Wi-Fi

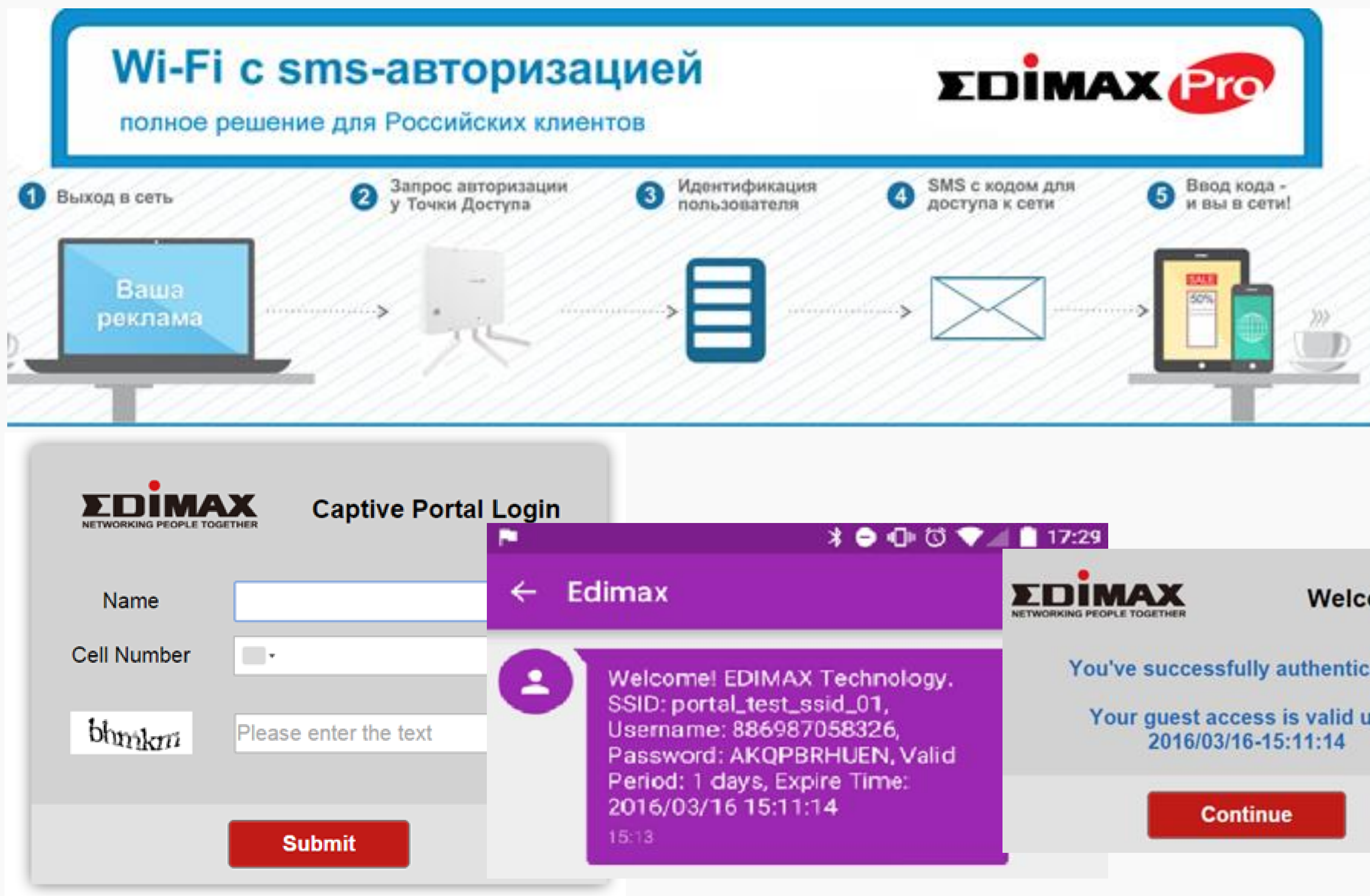
EDIMAX Pro



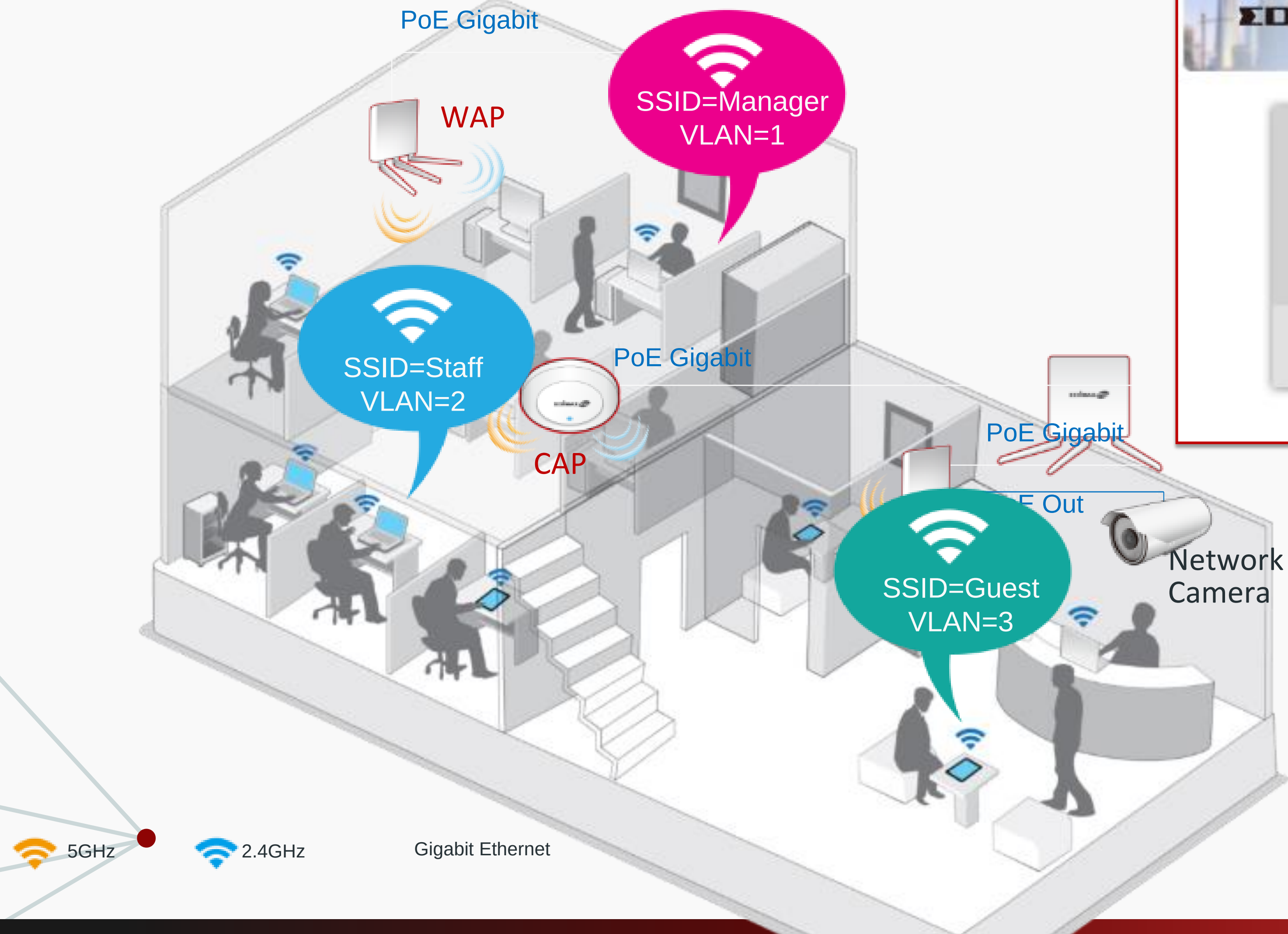


802.11AX стандарт, Band Steering, Auto-Pilot





Guest Portal, SMS Authorization



The screenshot shows the 'EDIMAX Pro' Guest Portal Login interface. It features the EDIMAX logo at the top, followed by the title 'Guest Portal Login'. Below this are input fields for 'User Name' and 'Password', a red 'Login' button, a 'Remember Me' checkbox, and a 'Terms of use' link.

Технологии. ONVIF



ONVIF Q Compliant

All for Surveillance

Works seamlessly with ONVIF compliant profiles
G/Q/S/A/C/T/M devices

- Profile S with 19,000+ conformant products
- Profile T for advanced streaming
- Profile A and C for Access Control
- Profile G for Edge Storage and Retrival
- Profile M for AIoT and MQTT devices

All Fits with ONVIF

- A trusted system compliant with a global standards.
- Facilitate the integration of IP-based multi-brand products.



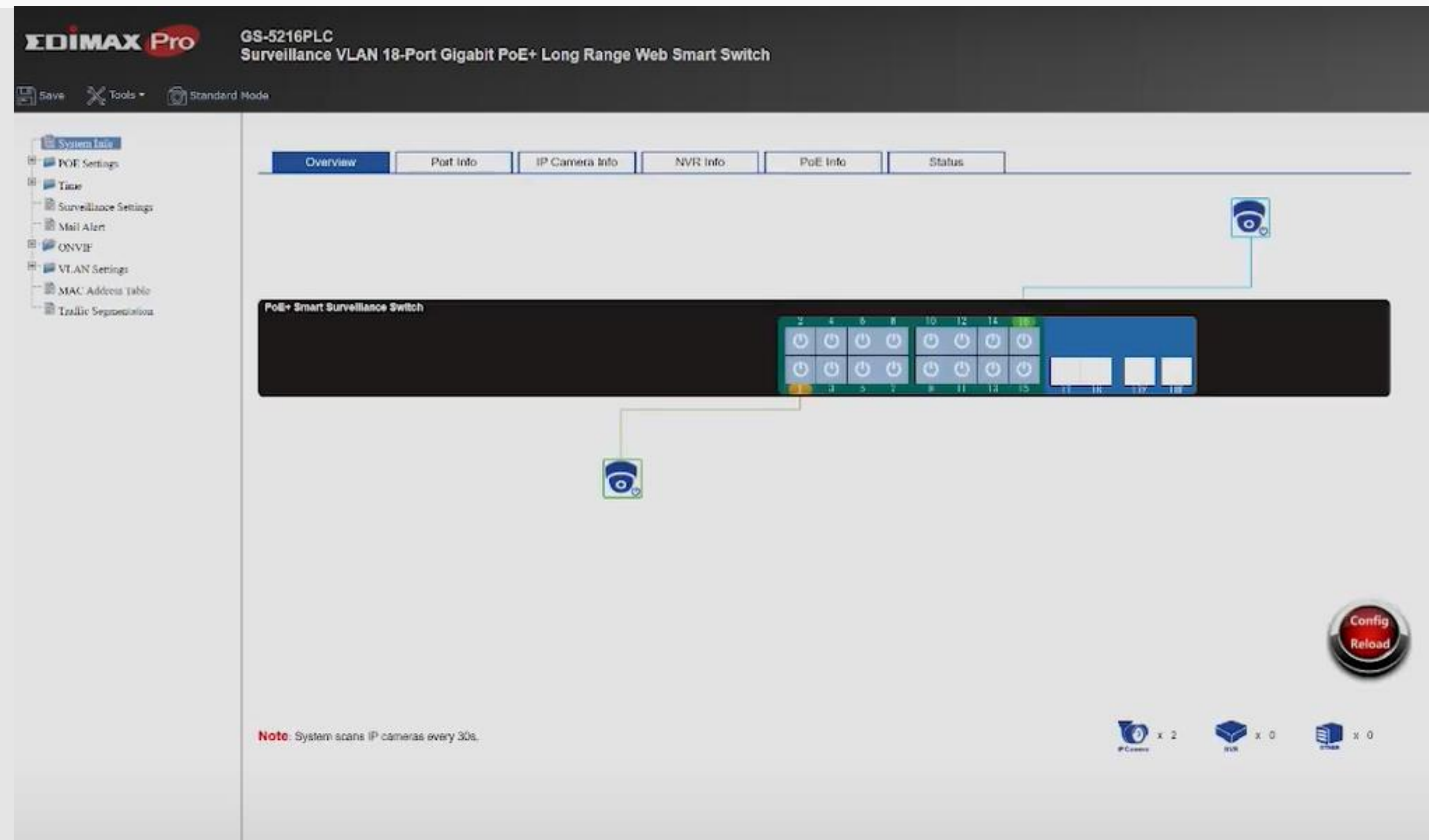
Auto Discovery

Fast and Easy Deployment

- ONVIF IP Cam and NVR auto discovery and authentication.
- Fast finding device name, IP address, MAC address, Port ID, and Status

Utilized Surveillance VLAN

- Discovery PoE Management and Surveillance VLAN
- Intuitive GUI



Surveillance Switch

One-Click VLAN Setting & ONVIF Auto-Enrollment

ONVIF®



GS-5210PL

GS-5216PLC

GS-5424PLX

28-Port Gigabit PoE+ Web Smart with
4 SFP+ Ports,
PoE Power Budget 400W

GS-5424PLC V2

28-Port Gigabit PoE+ Web Smart with
4 RJ45/SFP Combo Ports,
PoE Power Budget 400W

GS-5216PLC

18-Port Gigabit PoE+ Web Smart with
2 RJ45/SFP Combo Ports,
PoE Power Budget 240W

GS-5210PL

12-Port Gigabit PoE+ Web Smart
including 2 SFP Ports + 2 RJ45 Ports,
PoE Power Budget 110W

GS-5424PLC V2

GS-5424PLX

Другие продукты



Thunderbolt for video production

Thunderbolt4/USB4 /Thunderbolt3

INDUSTRY SPECIFICATIONS

USB 2	USB 3	USB 4	PCIe	Display Port
USB Power Delivery				
USB Type-C Connector				

Work with industry to set best-in-class product capabilities for consistent user experience

Industry enabling and mandatory certification for robust end-to-end solutions

Thunderbolt™ 3
The USB-C that does it all.

8K ULTRA HD

Dual 4K

4K ULTRA HD



H1

5-in-1 Thunderbolt™ 4 Mini Docking Station with 85W Power Delivery

➤ TD-405BP



Adapters for Industry

Embedded Wireless Adapter Solution



Value-add Wireless Connectivity Solutions

-  802.11 ac/a/b/g/n
-  Ultra Small Size
-  Multi Protocol (Combo)
-  Integrated Antenna

Wireless Design-in Services

-  Wireless Driver Integration
-  Wireless System Performance Tuning
-  Optimal Antenna Design
-  RF Certification

Embedded Wireless Modules

-  Wi-Fi + Bluetooth Modules
-  High Throughput Series
-  Smart Mobility Series

MP Model	2022Q3	2022Q4	2023Q1
EW-7611ULB V2 802.11 b/g/n - N150 - Bluetooth 4.2	 Bluetooth WIFI	 WIFI MP: SEP 2022	
EW-7822UMX - AX1800 2T2R - RTL8832BU	 WIFI	 WIFI PR: SEP., 2022 MP: NOV. 2022	EW-7822ULX WiFi 11AX1800 2T2R - WPA3 with 802.1x - RTL8832BU AX 1800 PR: AUG., 2022 MP: FEB., 2023
	IEW-7811UTC - WiFi 11ac, AC600 - Industrial usage - Working Temp -20 ~ 75° C - RTL8811CU		

MP

New Project

Planning

MP Model

2022Q3

2022Q4

2023Q1

MP

New Project

Planning

**EU-4306C**

- USB3.2 Type-C to 1 GbE Ethernet Adapter
- Support Win11/Nintendo Switch/Chromebook/MacOS 12.x

**EN-9320SFP+ V2**

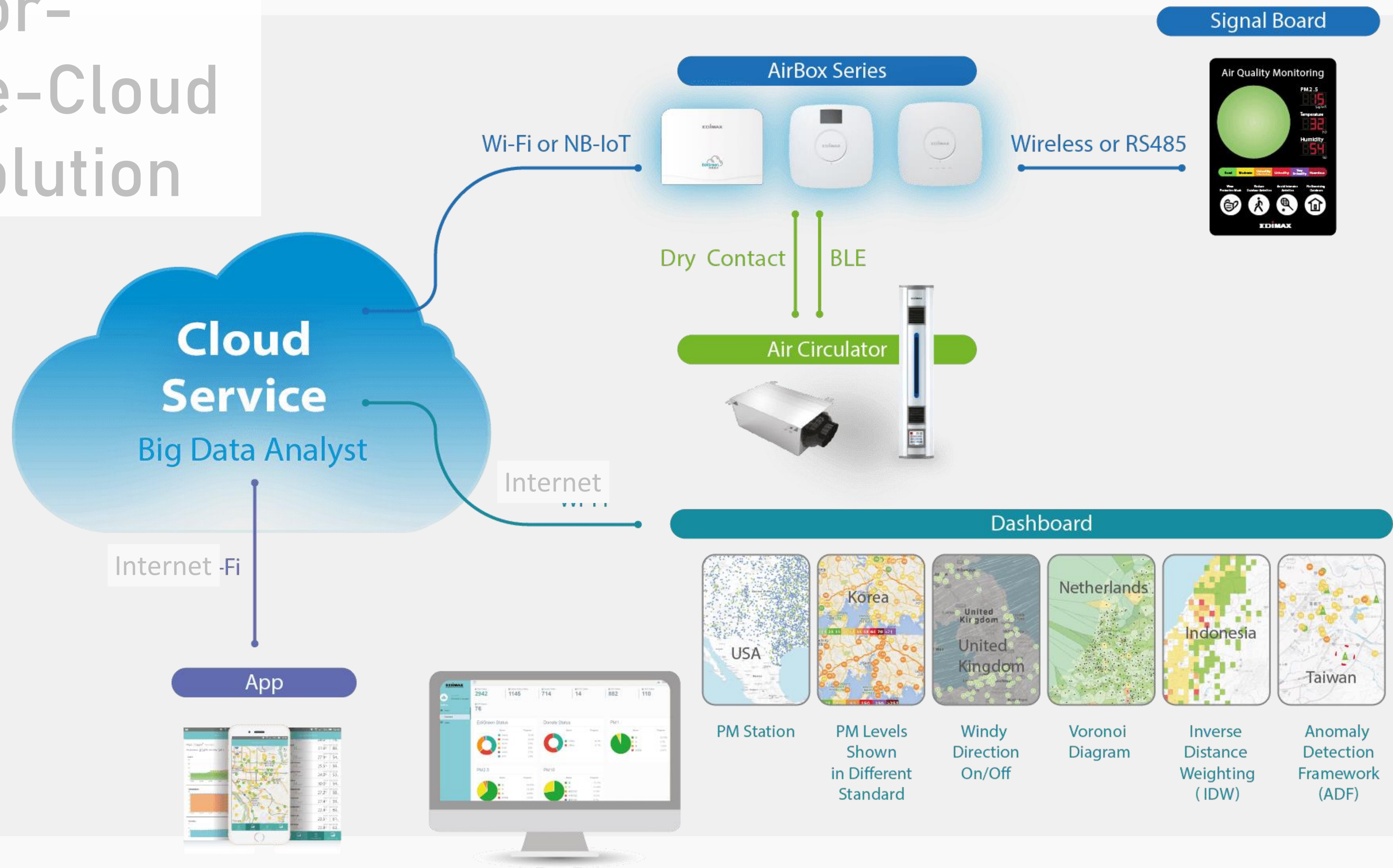
10Gb SFP+ PCI-E NIC, PCI Express X8,
IEEE 802.1Q VLAN ID tagging and
IEEE 802.1q QoS
Jumbo Frame 16KB

**EN-9322SFP+**

10Gb SFP+ PCI-E NIC, with Intel Chip,
Dual SFP+ Port,
PCI Express X8,
Support Windows Server /Linux/VMware

2 x 10Gb SFP+ ports

Sensor-to-the-Cloud IoT Solution



IoT Environmental Sensors

AI-1001W V3/V4



3-in-1 Air Quality Detector with Slide-in Modular Design

AI-2002W, AI-2003W



7-in-1 Indoor Air Quality Detector

AI-2004W



8-in-1 Indoor Air Quality Detector

Спасибо
за внимание!

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