

16-Port 10/100Mbps PoE Fast Ethernet Switch

FNSW-1600P



PoE	802.3af	15.4w	10M	Plug & Play
	Mid-span	per port	100M	

Presentation Outline

- ◆ **Product Overview**
- ◆ **Product Benefits**
- ◆ **Product Features**
- ◆ **Application**
- ◆ **Comparison**
- ◆ **Appendix**

FNSW-1600P



Product Overview

◆ Front Panel - Interface

✓ 16-Port 10/100Mbps Ports

- Auto-MDI/MDI-X, Auto Negotiation
- **IEEE 802.3 / 802.3u**

✓ 16 IEEE 802.3af PoE Injector Ports

- Mid-Span PSE, Pin 4,5 (-) and Pin 7,8 (+)
- POE Power up to 15.4 Watts for each PoE Ports

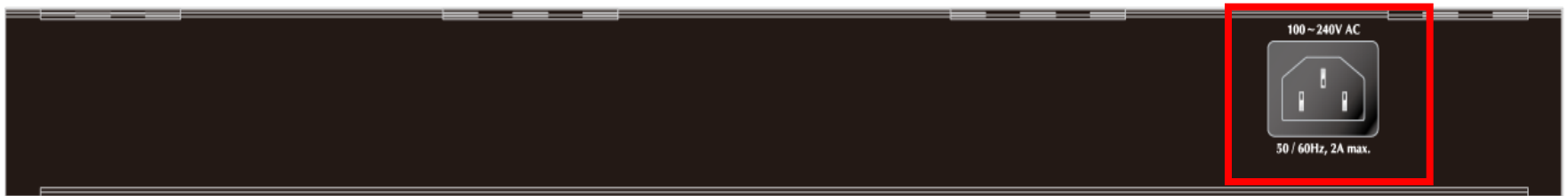
✓ LEDs

- Power LED
- PoE LEDs
- Link / Activity LEDs



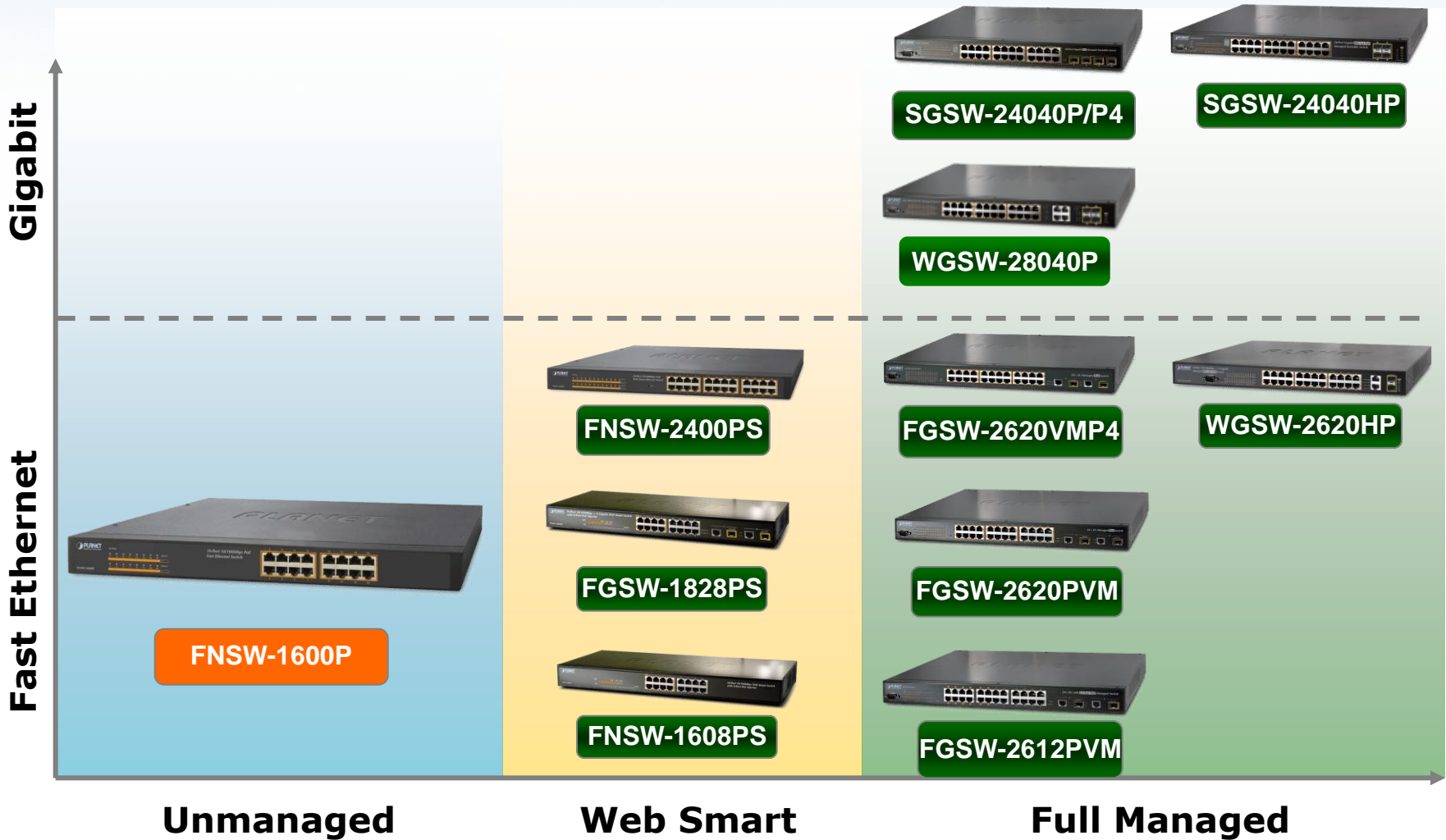
Product Overview

- ◆ **Rear Panel of FNSW-1600P**
 - ✓ **100~240V AC 2A max., 50/60Hz Power Socket**
 - ✓ **2 silent cooling fan on Left Panel**



Product Overview

◆ The PLANET 19 inch PoE Switches






Product Overview

The PLANET 802.3af PoE / Fast Ethernet Switch Family



Product Overview

◆ PLANET *16-Port 10/100TX Switch* Comparison Table:

Models		FNSW-1600P	FNSW-1608PS	FNSW-1828PS
				
Management Feature		Unmanaged	Web Smart	
Interface	10/100TX	16	16	16
	No. of PoE Port	16	8	8
	Gigabit	-	-	2G TP/SFP Combo
PoE	Standard	802.3af	802.3af	802.3af
	PoE Output	48V / 15.4W	48V / 15.4W	48V / 15.4W
	PoE Budget	125W	110W	110W
	No. of Class 2	16	8	8
	No. of Class 3	9	8	8

Key Benefits

- ◆ **Cost-effective 16-Port IEEE 802.3af PoE Switch**
 - ✓ IEEE 802.3af PoE offers up to **15.4 Watts** maximum power for PoE PD
- ◆ **LED Indicate system, Per Ethernet / PoE Port Status**
- ◆ **Provide safe, reliable power solution for SMB**
- ◆ **Eliminating costs** for additional AC wiring and reducing installation time
- ◆ **19-inch / 1U height. rack mountable**
- ◆ **Easy installation in SOHO or SMB IP Office**

Key Features

10/100Mbps

**8K MAC
Address Table**

**16-Port
802.3af PoE**

**125W
PoE Budget**

**15.4W
Per Port**

Product Features

◆ Hardware

- **16-Port** 10/100Mbps interfaces
- **16-Port** 10/100Mbps interfaces with **802.3af PoE** injector function
- 16-Port supports 48V DC power to PoE Powered Device
- Hardware based 10/100Mbps **Auto-Negotiation** and **Auto MDI/MDI-X**
- High performance thermal fan to provide stable and efficient power performance
- Auto detect powered device (PD)
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100m
- 8K MAC Address Table, Automatic address learning and address aging

Product Features

◆ Power over Ethernet

- Comply with IEEE **802.3af** Power over Ethernet **Mid-Span** PSE
- **16** 10/100Mbps copper ports with **PoE** injector built-in
- **48V DC, 15.4 Watts** PoE power output
- **125 Watts** PoE Power Budget
- **Auto detect** powered device and consumption levels
- Circuit protection to prevent power interference between ports

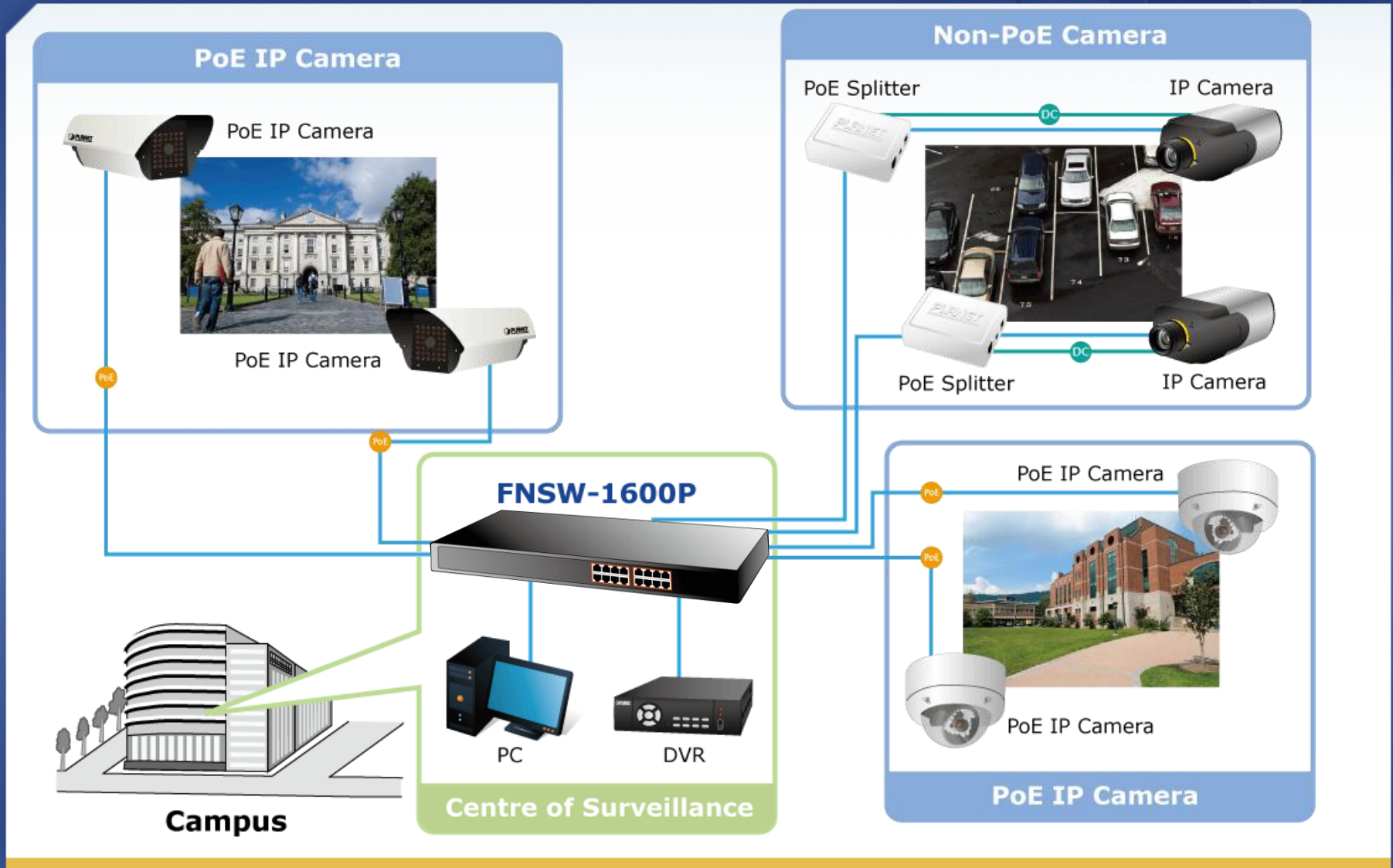
Model			FNSW-1600P
PoE Budget			125 Watts
PoE Ability	Number of Class 1 PD	3.84 watts	16
	Number of Class 2 PD	6.49 watts	16
	Number of Class 3 PD	12.95 watts	9
Input Power			100~240V AC / 50-60Hz

Application

◆ Department / Workgroup PoE Switch

- Providing 16-Port PoE in-line power interfaces, the FNSW-1600P can easily build a power centrally-controlled **IP phone system**, **IP Camera system** and **Wireless AP group** for the enterprise.
- Cameras can be installed around the corner in the Campus or Company for surveillance demands or Wireless AP to build a wireless roaming environment.
- Without the power-socket limitation, the PoE Switch makes the installation of cameras or Wireless AP more easily and efficiently.

Campus PoE Switch



Appendix - Sales Target

◆ Target Markets

- SMB IP Communication Office
- Hotel / Internet cafe
- System Integrator
- Wireless Service Provider
- IP Surveillance Integrator

◆ Target Customers

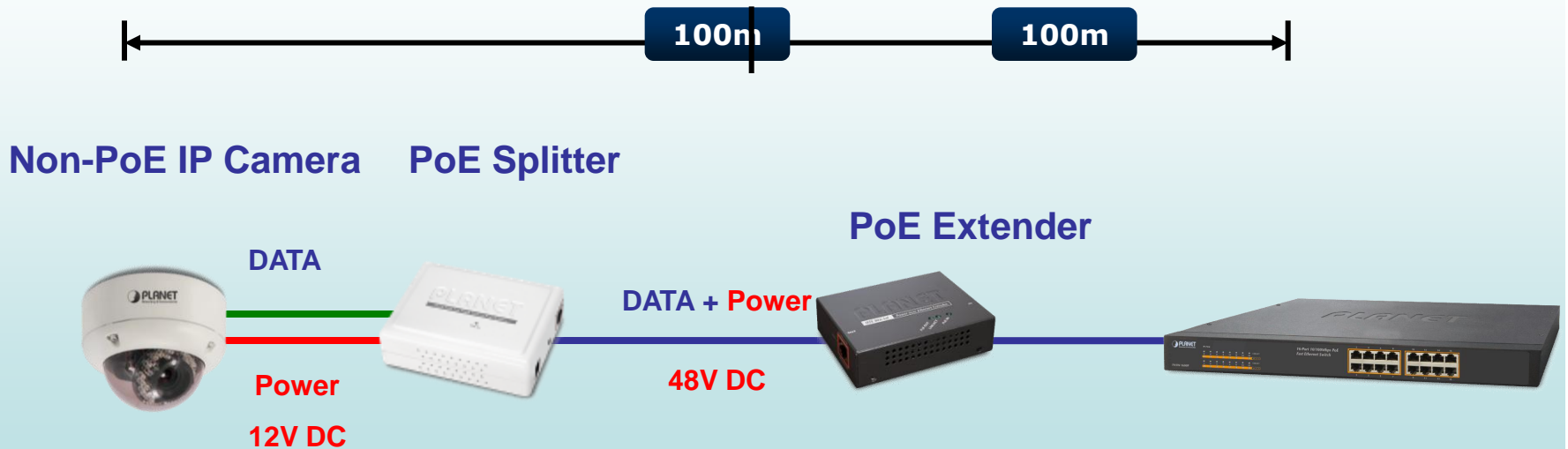
- Who buys 16/24-Port PoE Switch / injector Hub
FNSW-1608PS, FGSW-1828PS,
FGSW-2612PVM, FGSW-2620PVM
POE-1200, POE-2400
- Who buys PLANET PoE Powered Devices (PD)
PoE IP surveillance: ICA-1HM110, ICA-HM131, IVS-110
PoE VoIP Phone / ATA: VIP-254PT, VIP-255PT, VIP-351PT
PoE Wireless AP : WNAP-1120PE , WNAP-C3220, WNAP-3000PE
PoE Splitter: POE-151S, POE-E101

Appendix

◆ Relative PoE Products:

– POE Splitter / Extender

- ✓ **POE-151S** IEEE 802.3af Power over Ethernet Splitter with 5V / 12V DC output
- ✓ **POE-E101** IEEE 802.3af Power over Ethernet Extender



Appendix

◆ Relative PoE Wireless Products:

- ✓ **WNAP-C3220** 802.11n 300Mbps Wireless Ceiling Mount Access Point
- ✓ **WNAP-1120PE** 802.11n 300Mbps Wireless Access Point
- ✓ **WSG-500** 802.11n 300Mbps Hotspot Wireless Subscriber Gateway
- ✓ **IAP-2000PE** 802.11n 300Mbps Industrial Wireless Access Point



Appendix

◆ Relative PoE IP Camera Products:

- ✓ ICA-HM100 H.264 Mega-Pixel IP Camera
- ✓ ICA-HM131/R H.264 Full HD **Fixed Dome** IP Camera
- ✓ ICA-HM830 H.264 2M **Fish-Eye** Panoramic IP Camera
- ✓ ICA-HM126/R H.264 Full-HD Box IP Camera
- ✓ ICA-HM127 **3Mega-Pixel** H.264 Box IP Camera





ACTIVATING IP POWER