

# 5-Port 10/100/1000T + 1-Port 1000X SFP Gigabit Ethernet Switch

## GSD-603F



# Presentation Outlines

- ◆ Product Positioning
- ◆ Product Overview
- ◆ Product Features
- ◆ Product Benefits
- ◆ Applications
- ◆ Comparison

*Ideal Fiber Switch for Space-limited Locations*

**IP Camera**      **PC**      **AP Router**

**PLANET** 5-Port 10/100/1000Mbps + 1-SFP Gigabit Ethernet Switch  
GSD-603F

**SFP** 10M/100M 1000M

**Fanless** **Jumbo Frame**

1000BASE-X  
**Fiber**  
0.5km~120km

# Product Positioning



# Product Positioning



◆ **PLANET *Unmanaged Compact-size* Switches with *Fiber* Uplink**

Commercial

7" GSD-603F



Fanless

1000X SFP

Industrial

ISW-621TF



IGS-620TF



IGS-1020TF



Fast Ethernet

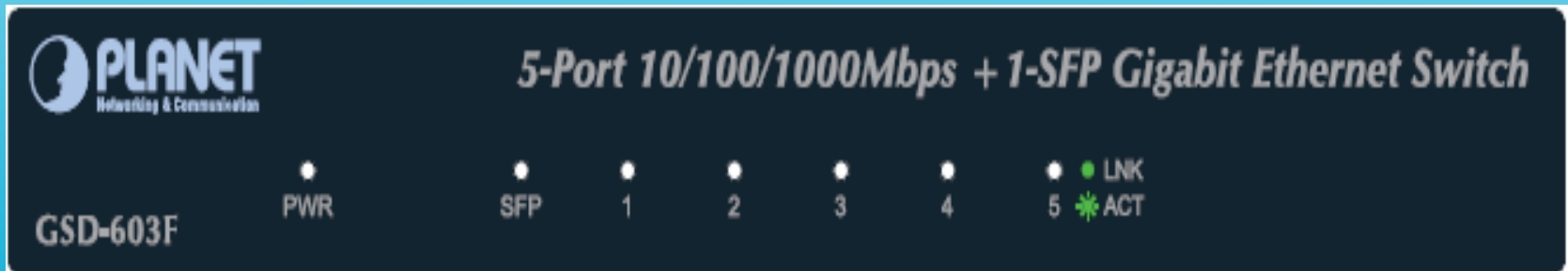
Gigabit

# Product Overview



# Product Overview

- ◆ **Dimensions (W x D x H): 162 x 102 x 28 mm**
- ◆ **Front Panel – LED Indicators and Interface**
  - ✓ LEDs
    - Power
    - Link/Activity LEDs (Port 1 to Port 5)
    - 5 x 10/100/1000BASE-T TP Port
    - 1 x 1000BASE-X SFP Port







# Product Overview

## ◆ Rear Panel -- Interface

- ✓ **1 1000BASE-X SFP slot**
- ✓ **5 10/100/1000BASE-T TP ports**
- ✓ DC jack
  - One DC 5V, 1A power jack



# Product Features



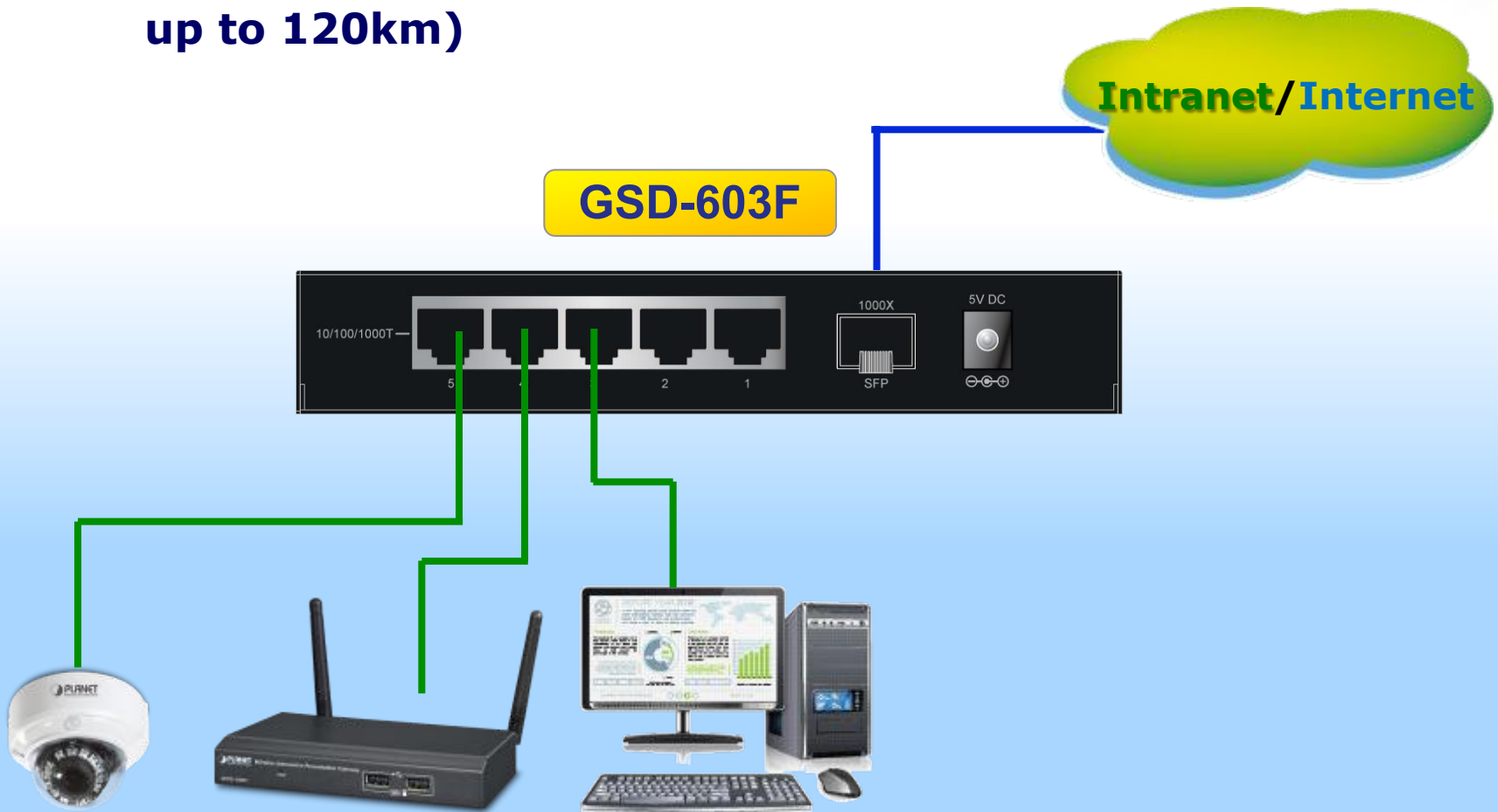


# Product Key Features



# Product Features

- ◆ **One 1000BASE-X SFP Port (1000BASE-X SX/LX, up to 120km)**





# Product Features

## ◆ Hardware

- ✓ Hardware-based 10/100/1000Mbps (Port 1 to Port 5), **auto-negotiation** and **auto MDI/MDI-X**
- ✓ 1 1000BASE-X SFP slot
- ✓ **9216 bytes** jumbo packet size support
- ✓ **2K** MAC address table size
- ✓ Flow control for full duplex operation and back pressure for half duplex operation
- ✓ **Power status, per port Ethernet** LED display on front panel
- ✓ Automatic address learning and address aging

# Product Benefits



## Product Benefits

**Smallest** and **Cost-effective** 5 Port 10/100/1000BASE-T with 1 1000BASE-X Gigabit Ethernet Switch

**Plug and Play, easy installation** in SOHO or SMB IP Office

**Ideal Solution for Small-scale, Secure IP Surveillance Infrastructure**

**Environment-friendly, Fanless Design for Silent Operation**

# Applications

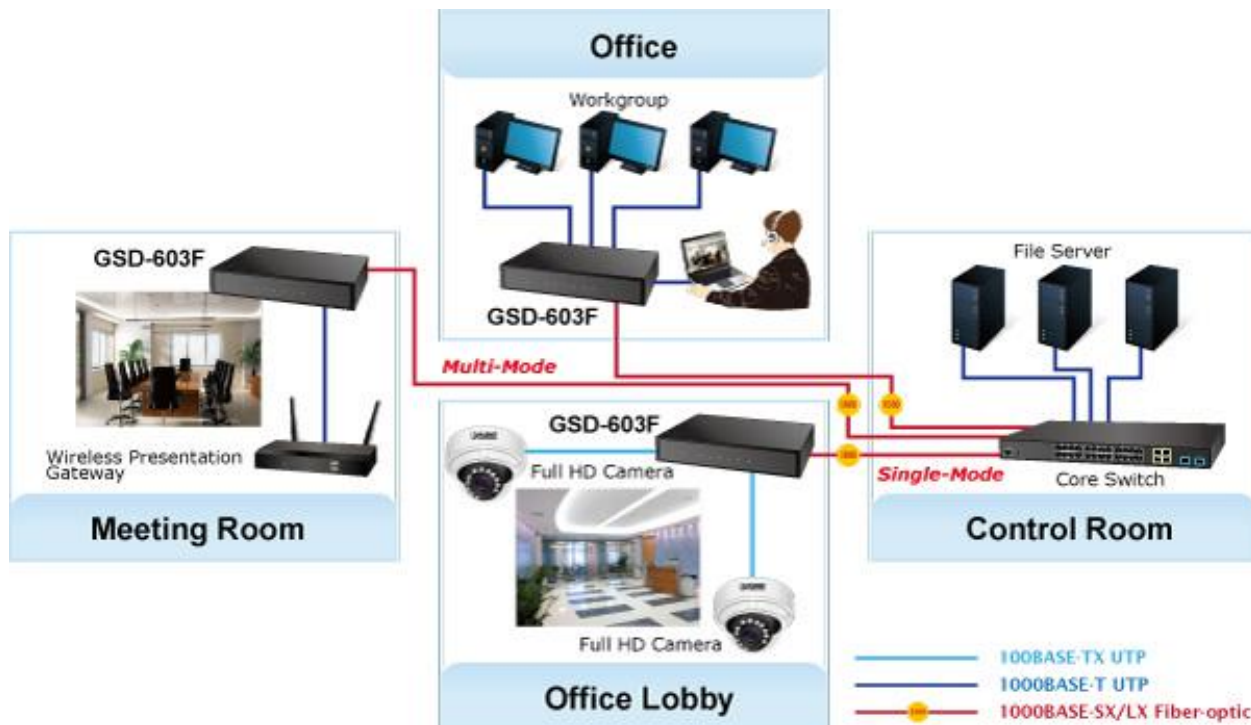




# Applications

## ◆ Leading Home, SOHO and Workgroup Users into High-speed Networking Generation

- ✓ PLANET GSD-603F Gigabit Ethernet Fiber Switch is especially designed in a compact metal housing to offer easy deployment of Gigabit networking for homes, SOHOs or enterprises.

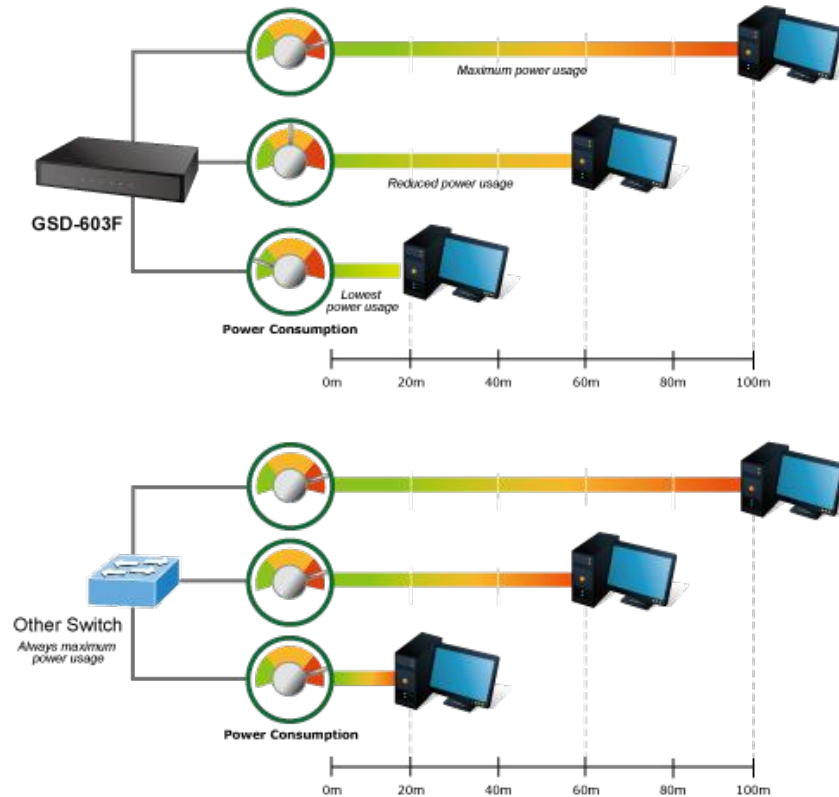


# Applications

## ◆ Energy Saving




- ✓ Low Power Idle Mode for power saving
- ✓ Intelligent Scales Power based on cable length

### Intelligent Power Savings





# Comparison

Model Name	PLANET GSD-603F	TRENDnet TEG-S50g	NETGEAR GS-605
Product Outlook			
Level	Unmanaged	Unmanaged	Unmanaged
<b>Ethernet Interface</b>			
10/100/1000BASE-T Ports	5	5	5
SFP slot	1	none	none
Switch Architecture	Store and Forward	Store and Forward	Store and Forward
Housing	Metal	Metal	Plastic
Switch Fabric	12Gbps	10Gbps	10Gbps
Switch Throughput	8.92Mpps	7.44Mpps	7.44Mpps
Jumbo Packet	9216 bytes	9216 bytes	9216 bytes
Auto MDI/MDI-X	Yes	Yes	Yes
Flow Control	IEEE 802.3x Pause frame for full-duplex; back pressure for half-duplex	IEEE 802.3x Pause frame for full-duplex; back pressure for half-duplex	none