

# LinkPower™ LPS740P-T1

Outdoor 5-Port Gigabit PoE Switch  
Powered by 802.3bt



## APPLICATIONS

- IP Video Surveillances
- Campus Networks
- Fixed Wireless Networks
- Border Security Surveillance
- Municipal Networks
- Hospitality Networks
- Hotel Resort Networks
- Hotspot Integrations
- VOIP Services
- Traffic Monitoring

The LPS740P-T1 is an unmanaged 5-port gigabit outdoor PoE switch designed to provide both Power over Ethernet (PoE) and data connectivity in demanding environments. It features one PoE++ (IEEE 802.3bt) RJ45 input port, which also serves as a gigabit uplink port, along with four PoE+ (IEEE 802.3af/at) gigabit output ports. This setup enables seamless power distribution without the need for additional power sources. Notably, the RJ45 uplink port can also receive power, offering a convenient and flexible networking solution that meets power supply and data transmission needs of up to 60W over a distance of 200 meters.

The LPS740P-T1 is a PoE switch that supports IEEE 802.3af/at standards on its four output ports, delivering a maximum total PoE output of 60W. To ensure optimal performance, the gigabit uplink PoE input must comply with PoE++ (IEEE 802.3bt) standards, providing sufficient power for all connected devices. This switch is designed to power a variety of PoE-enabled equipment, including wireless access points (APs), IP cameras, VoIP phones, and IoT devices, making it an ideal solution for commercial and industrial networking applications.

Built with a weatherproof enclosure rated IP66/IP68, the LPS740P-T1 offers superior protection against harsh outdoor conditions. When properly closed, the enclosure provides IP66 protection, shielding the unit from dust and powerful water jets. For enhanced water resistance, securing the enclosure with four cover screws upgrades the protection to IP68, making it fully submersible. This feature is particularly valuable for outdoor security, industrial, and remote network applications where reliability is essential.

Thanks to its plug-and-play functionality, the LPS740P-T1 requires no configuration, making installation simple and efficient. Its compact and rugged design makes it suitable for hotels, campuses, parks, factory sites, and security monitoring applications that demand stable PoE connectivity. This cost-effective PoE switch enables seamless power and data transmission, making it an excellent choice for efficiently expanding outdoor PoE networks while ensuring long-term durability in extreme weather conditions.

- IP66 if top cover closed by latch or IP68 if top cover closed by screws
- Support non-blocking wire-speed forwarding for smoother transmission
- IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control
- 5\*10/100/1000Base-T RJ45 ports, the uplink port is a power receiving port. Convenient and flexible networking to meet the network power supply and transmission within 200 meters
- IEEE 802.3af /at PoE standard automatically identifies PoE devices for power without damaging non-PoE devices

- 4\*10/100/1000Base-T RJ45 ports support PoE power to meet the PoE power supply requirements of security scenarios
- High-power receiving port (60W) relay power, 8 cores are used at the same time
- CCC,CE, FCC, RoHS
- Plug and play, no configuration, easy to use and maintain
- Low power consumption, No fan, galvanized steel shell, excellent heat dissipation to ensure stable operation
- Operating Temperature:-22°F to +158°F (-30°C to +70°C) C

## TECHNICAL SPECIFICATIONS

Model	LPS740P-T1
<b>Interface Characteristics</b>	
Fixed Port	4*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink PD power receiving port (Data/Power)
Ethernet Port	Port 1-4 support 10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters) 1000BASE-TX: Cat5e or later UTP(≤100 meters)
<b>Chip Parameter</b>	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
Forwarding Mode	Store-and-forward (full wire speed)
Switching Capacity	12Gbps (non-blocking)
Forwarding Rate @64byte	7.4Mbps
MAC	2K
Buffer Memory	2M
LED Indicator	Power: PWR (Green), Network : Link (Yellow) Function switch: EXTEND (Green), PoE: PoE (Green)
<b>PoE &amp; Power Supply</b>	
PoE Port	Port 1 to 4 IEEE 802.3 af/at
Power Supply Pin	1/2 4/5(+) 3/6 7/8(-)
Average/ Max Power Per Port	15.4W/ 30W
Total Power	60W



THE LEADING  
OUTDOOR NETWORK  
APPLIANCE COMPANY

**Product Information Online:** <http://www.inscapedata.com/lps800.htm>

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All-in-on-Box Solutions for Outdoor PoE, Wired/Wireless, and IP Video Applications

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## TECHNICAL SPECIFICATIONS

Power Consumption	Standby:<5W, Full Load:<60W
<b>Physical Parameter</b>	
Operation TEMP/ Humidity	-22°F to +158°F (-30°C to 70°C), 5%~90% RH Non condensing
Storage TEMP/ Humidity	-40°C~+80°C, 5%~90% RH Non condensing
Dimension (L*W*H)	10x8x2 In
Net /Gross Weight	5 lbs
Installation	Wall mount, pole mount (optional)
Lightning Protection	6KV, Protection IP66/68
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

## SYSTEM CONFIGURATION



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## STANDARD ACCESSORIES

**PFCK0001-3**  
Power & Fiber Connector Kit



**ECK0001-4**  
Ethernet Connector Kit



**WMK0001**  
Wall Mounting Kit



**APCK0001**  
AC Power Cable Kit



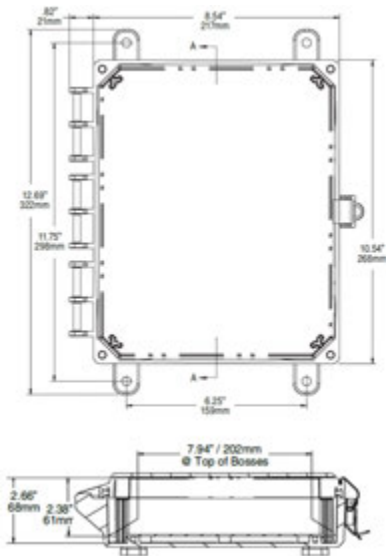
## OPTIONAL ACCESSORIES

**MMK0001-S**  
Mast Mounting Kit  
(For Pole Diameter from 2" to 4.5")



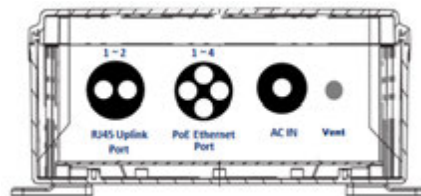
**Pole Mount View**

## ENCLOSURE DRAWINGS &amp; INTERFACES



## Interfaces

1. Weatherproof AC Power Connector, Hole Diameter: 20mm
2. Weatherproof PoE & Uplink Connector, Hole Diameter: 25mm
3. Vent Plug



To Use Conduit Connectors,  
Please Refer the Hole Diameter  
Information Above.

## PACKAGE CONTENTS

1. LPS740P-T1 (1)
2. WM0001 Wall Mount Kit (1)
3. MMK0001 Pole Mount Kit (1)(Optional)
4. AC Power Cable with one 3-PIN AC Power Connector (1)
5. User Manual (1)
6. Warranty Sheet (1)



**Internal (Hotel) Space:**  
8"x3.125"x2" (WxLxH) for  
Wiring Storage