

Professional Series LPS740P-T1P

4-Port Gigabit Outdoor PoE Switch Powered by 802.3bt



The LPS740P-T1 is an unmanaged 5-port gigabit outdoor PoE switch designed to deliver both power and data in demanding environments. It features one PoE++ (IEEE 802.3bt) RJ45 input port that also functions as a gigabit uplink, along with four PoE+ (IEEE 802.3af/at) gigabit output ports. The uplink port can receive power and data over a single cable, providing up to 60W at distances of up to 200 meters, eliminating the need for additional power sources.

The four PoE+ output ports support IEEE 802.3af/at standards with a maximum total PoE budget of 60W. To power all connected devices effectively, the uplink must comply with PoE++ (802.3bt) standards. This makes the switch ideal for powering wireless access points, IP cameras, VoIP phones, and IoT devices in commercial and industrial networking applications.

Built with a rugged IP66/IP68-rated weatherproof enclosure, the LPS740P-T1 is designed for harsh outdoor conditions. When properly sealed, it provides protection against dust, heavy rain, and even full submersion. Its compact, plug-and-play design requires no configuration, making it a reliable and cost-effective solution for hotels, campuses, parks, industrial sites, and security installations that require durable outdoor PoE connectivity.

Key Product Features

- 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 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
- 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)
- CCC, CE, FCC, RoHS

Technical Specifications

Model	LPS740P-T1
Interface Characteristics	
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)
Chip Parameter	
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)
PoE & Power Supply	
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

Power Consumption	Standby:<5W, Full Load:<60W
Physical Parameter	
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



Accessories

Standard Accessories

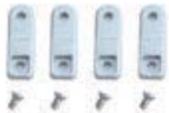
PFCK0001-3
Power & Fiber Connector Kit



ECK0001-4
Ethernet Connector Kit



WMK0001
Wall Mounting Kit



APCK0001
AC Power Cable Kit



Optional Accessories

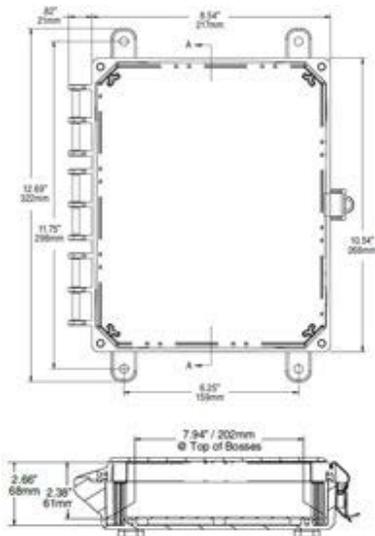
MMK0001-S
Mast Mounting Kit
(Pole Diameter from 2" to 4.5")



Pole Mount View

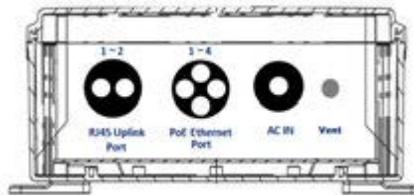


Enclosure Drawings & Interfaces



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.



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

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)