



## HARDWARE SPECIFICATIONSTIONS

<b>Product Model</b>	LPS1800AF-T1 / 1800AFM-T1 & LPS1800AT-T1 / 1800ATM-T1
<b>Product Name</b>	Outdoor Fast Ethernet Unmanaged/Managed 8-Port 802.3af PoE Switch with 2 Combo Gigabit SFP/RJ45 Uplink Ports
<b>Connector</b>	RJ45 Port: 8x10/100BaseT(X) self-detect, 2 Uplink10/100/1000BaseT(X) & SFP combo port Fiber Port: 2x100/1000Base SFP ports
<b>Switching Performance</b>	Bandwidth: 8.8G (Non-blocking), Priority Queue: 4 Packet Buffer Memory: 1Mbit MAC Address Table Size: 4K Switch Processing Scheme: Store-and-Forward
<b>Network Medium</b>	10BASE-T: Cat3/ 4/ 5 UTP (≤100m) 100BASE-TX: Cat5 or more UTP (≤100m) Single mode (9/125um) fiber transmission, the transmission distance can be up to 25km ( Default dual fiber, can be customized single fiber)
<b>Performance Specifications</b>	MTBF: 300,000 hours Database: Telcordia (Bellcore), GB
<b>Protocols and Standards</b>	IEEE 802.3: CSMA/CD IEEE 802.3i: 10Base-T IEEE 802.3u: 100Base-T IEEE 802.3ab: 1000Base-T IEEE 802.3x: Flow Control IEEE 802.1af: DTE Power via MDI IEEE 802.3af: Power-over-Ethernet standard IEEE 802.3at: Power-over-Ethernet standard IEEE 802.1Q: VLAN and GVRP protocols
<b>LEDs Status</b>	PWR, FAULT, 10/100, MSTR/HEAD, CPLR/TAIL, PoE
<b>PoE &amp; Power Supply</b>	Input voltage: 120V ~ 240V AC Output voltage: 48V DC LPS1800AF-T1 & LPS1800AFM-T1 deliver up to 30W and an average of 15.4W per PoE port and is limited to 150W for a total of 8 PoE ports LPS1800AT-T1 & LPS1800ATM-T1 deliver 30W maximum per PoE port and is limited to 240W for a total of 8 PoE ports Support OCP ( Over-Current Protection ) and electronic protection Connection: 3-pin pluggable connecting terminal Power Pin Assignment: 1/2+; 3/6-
<b>Dimensions/ Weight</b>	<b>Enclosure:</b> IP68 protection grade, shell Dimension (LxWxH): 12x10x4 inch, 304.8 x 250.4 x 101.6mm <b>Weight:</b> 9LB, 4KG (Approximated) <b>Installation Method:</b> Wall mount (Standard Accessory) / Mast mount (Optional Accessory)
<b>Working Environment</b>	Operating Temperature: -30℃ ~ +70℃
<b>Industrial Standard</b>	<b>EMI:</b> FCC Part 15 Subpart B Class A, EN 55022 Class A <b>EMS:</b> EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 <b>Traffic Control:</b> NEMATS-2 <b>Mechanical Project:</b> IEC60068-2-6, IEC60068-2-27, IEC60068-2-32 Industrial: IEC 61000-6-2
<b>Safety</b>	CE Mark, Commercial CE/LVD EN60950, RoHS, UL60591-1, UL 94 V-2, UL F1
<b>Warranty</b>	3 year warranty

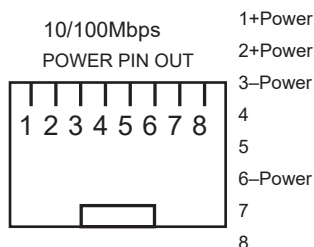
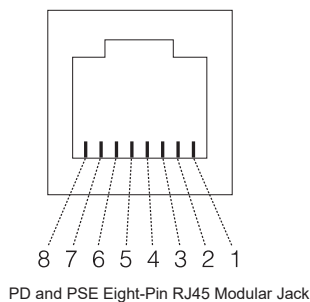
## SOFTWARE SPECIFICATIONSTIONS

## LPS1800AFM-T1 &amp; LPS1800ATM-T1:

## Key Software Functions

1. PoE management: Support individual port PoE setting
2. Support port power supply priority settings
3. Support PoE over-heat protection
4. VLAN: support port-based VLAN
5. Support 802.1Q-based VLAN
6. Mirror: Support local mirror
7. Qos Setting: Set limit for the rate of packets received and sent
8. Support port queue scheduling
9. Layer ring protocol: Supports STP / RSTP and equipment Anti-ring
10. MAC Address Management: MAC address aging, MAC address filtering and static MAC address
11. Multicast: Supports IGMP Snooping
12. Support IGMP V1/V2
13. Security features: Password protection
14. Support IEEE 802.1X Authenticate
15. Port Features: Supports IEEE 802.3x flow control (full-duplex)
16. Support broadcast suppression based on port speed rate
17. Support broadcast suppression based on pps
18. Manage Maintain: Support SNMP V1/V2
19. Web Base Management

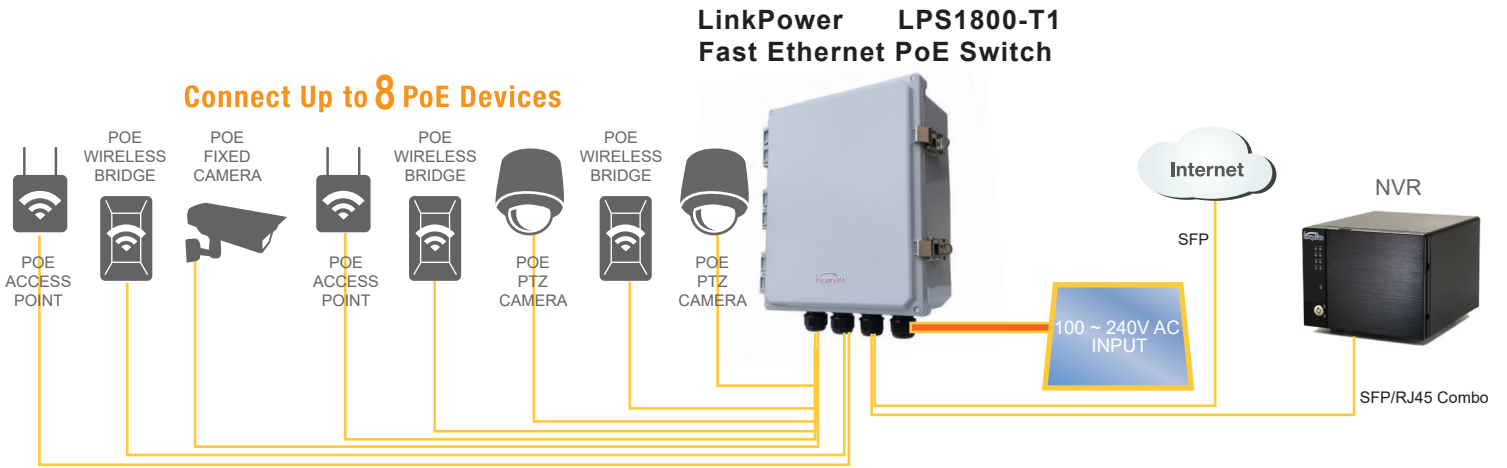
## ELECTRICAL PIN OUT DIAGRAM



## PACKAGE CONTENTS

1. LinkPower LPS1000FE-T1 PoE Switch
2. User's Manual
3. Quick Install Guide
4. Warranty Information
5. APCK0001 AC Power Cable Kit
6. PFCK0001-3 Power & Fiber Connector Kit
7. ECK0001-4 Ethernet Connector Kit
8. WMK0001 Wall Mount Kit with 4 Flanges
9. MMK0001-L Pole Mount Kit (Optional)

**SYSTEM CONFIGURATION**



**STANDARD ACCESSORIES**

**ECK0001  
Ethernet Connector Kit**



**WMK0001  
Wall Mounting Kit**



**APCK0001  
AC Power Cable Kit**

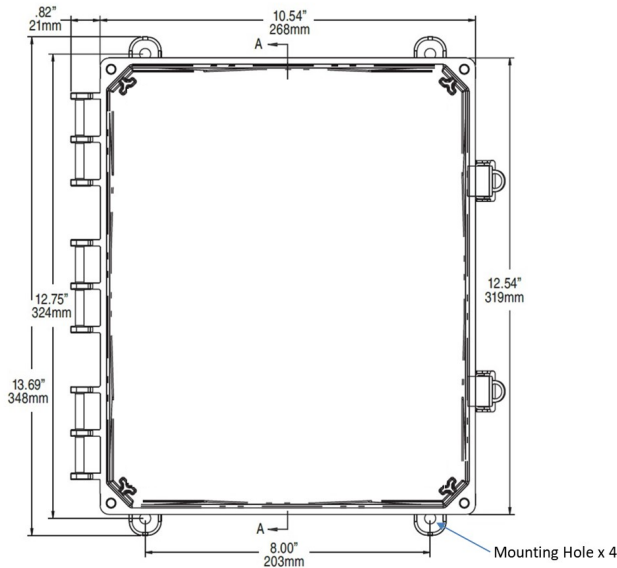


**OPTIONAL ACCESSORIES**

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



**ENCLOSURE DRAWINGS & INTERFACES**



To Use Conduit Connectors, the Diameter of Hole Size is 1.0 Inch



Internal View  
**10"x5"x4" (WxLxH) Internal  
(Hotel) Space for Wiring Storage**

Side View

LPS1800-T1



Pole Mount View

**LPS1800-T1 Series Interfaces**

1. Weatherproof Power & Fiber Optics Cable Connector
2. Weatherproof PoE Cable Connector
3. Vent Plug



THE LEADING  
OUTDOOR NETWORK  
APPLIANCE COMPANY

Product Information Online: <http://www.inscapedata.com/LPS1000fe-t1.htm> or  
<http://www.inscapedata.com/LPS1000fe-t1-mgt.htm>

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Total Turnkey Solutions for Outdoor PoE, Wired/Wireless, and IP Video Applications

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