WEATHERPROOF 4 PORT 30W POE NETWORK SOLUTION

SKU: WPNS-4

- 16” x 16” x 10” NEMA 3 Weatherproof Design
- Rust & Corrosion Resistant 5052 Aluminum
- PoE 4+1 Port Switch With 30W Per PoE Port
- 1 x Gigabit RJ45 + 1 x 1.25Gbps SFP Port - (Easily Add Fiber)
- 10/100/1000Mbps With Auto-Negotiatiated Speed
- Added Space For Your PoE Sensors or PoE Equipments

*Product pictured may have minor variations in versions

5052 Aluminum | **NEMA 3 Weatherproof** | **4 Port PoE** | **10/100/1000Mbps**

Overview

Introducing the WPNS-4, Optiview’s revolutionary NEMA 3 weatherproof 4 port PoE network solution. Protected by naturally rust-resistant 5052 aluminum, access unparalleled PoE capabilities and lightning-fast connectivity in even the most challenging of areas. Crafted with precision and adaptability, the WPNS-4 provides industrial-grade networking tailored to your demands.

Optional Upgrades

Expand upon the possibilities by adding 4G or 5G cellular connectivity, or provide additional protection of your property with surveillance. Need to connect more devices? Double the amount of available PoE ports with the WPNS-8.

PICTURED: WPNS-4 with 2 LPR cameras

WPNS-4

Weatherproof 4 Port PoE Network Solution

Enhanced Protection

The 5052 aluminum enclosure, rated NEMA 3, shields the switch from environmental challenges such as rain and snow. This robust protection ensures consistent performance and peace of mind, knowing that your investment is safeguarded against unpredictable elements.

The use of durable aluminum material boosts the switch's longevity, especially in demanding outdoor settings. This durability translates to fewer replacements, reduced maintenance costs, and a trustworthy solution for critical networking needs.

The combination of weatherproofing, surge immunity, and electrostatic protection ensures the switch's reliable performance. This comprehensive protection ensures uninterrupted operations, minimizing potential downtime and associated costs.

Efficient Cooling

The aluminum's superior thermal conductivity, combined with the thermostatically controlled fan, ensures effective heat dissipation. This ensures that the switch operates at optimal temperatures, prolonging its lifespan and ensuring consistent, high-speed performance.

Rapid Deployment

The PoE capability ensures both data and power transmission over a single Ethernet cable, streamlining installations and reducing the need for separate power sources. This means fewer cables, a cleaner setup, and a more efficient use of resources, enhancing the overall user experience.

Versatile Installation

The universal wall/pole mounting brackets and the compact design of the enclosure facilitate easy and flexible installation. This simplicity reduces setup complexities, trims down install time, and eradicates the need for separate power sources.

Scalable & Adaptable

The inclusion of both RJ45 and SFP ports, along with the switch's expandable and stackable capabilities, ensures adaptability to changing network requirements. This forward-thinking design means that as your business grows, your network infrastructure is ready to scale with you, ensuring a seamless transition. This flexibility ensures that businesses can expand their network reach without being constrained by infrastructure limitations, easing deployment burdens..

Immediate Cost Savings

Say goodbye to lengthy, costly installations that involve digging up trenches over poured concrete. Our weatherproof switch's design simplifies setup, reducing both time and infrastructure expenses. Plus, its durable build means less maintenance, lowering total ownership costs.

The integrated PoE capability and included power outlets eliminate the need for additional power infrastructure. This leads to direct cost savings, allowing businesses to allocate resources more efficiently and achieve a quicker return on investment. In addition, the PoE switch's high efficiency and adaptive power features ensure minimal energy wastage.

Customize Your Way

One of the standout features of our enclosure is its ability to accommodate your unique needs. Not only have we designed it to be a robust switch housing, but we've also ensured there's ample space for your own sensors and equipment. This means you can integrate and customize the system to align with your specific requirements, without being restricted by space or design.

The inclusion of a spacious interior ensures that you're not just buying a static product; you're investing in a versatile solution that grows and adapts with your networking aspirations. Whether it's additional sensors, monitoring devices, or other technical equipment, our enclosure is ready to house it all, ensuring you get the most out of your investment. Embrace flexibility and tailor your setup to perfection with our customizable enclosure.

Product Specifications

NETWORK	
Network Ports	PoE Ports: 4 10/100/1000Mbps RJ45 Uplink: 1 Gigabit RJ45 + 1SFP(1.25Gbps)
Ethernet Standard	IEEE 802.3/u/z/ab, 10Base-T, 100Base-TX, 1000Base-T and 1000Base-X
Transmission Distance	1~5 Ethernet Port 0~100m 1 SFP: According to different SFP
Transmission Media	5 RJ45 Port Cat5e/6 UTP cable 1 SFP: LC interface optical fiber
PoE Wattage	Maximum 30W per Port
MAC Address List	8K
Switch Capacity	12G
Surge Immunity	Level 3, executive standard IEC61000-4-5
Electrostatic Protection	1a touch electric discharge: level 3, 1a Air discharge: level 3, Executive standard IEC61000-4-2

WPNS-4

Weatherproof 4 Port PoE Network Solution

Product Specifications Cont.

HOUSING	
Material	1/8" 5052 Aluminum
Door Seals	1/4" Weather Tight Neoprene
Available Equipment Mounting Space	(13" x 6") + (5.5" x 6.25") See diagram below
Security Lock	Yes (2x keys included)
Mounting Brackets	Universal Wall / Pole Brackets – Bands not included (x2)
Fan / Thermostat	1x Thermostatically Controlled Fan

BREAKER	
Breaker Type	Ground Fault
Current Rating (Amps)	16A
Voltage Rating - AC	240 V
Actuator Type	Lever
Number of Poles	9

GENERAL	
Over Temperature	Shut down o/p voltage, recovers automatically after temperature goes down
Working Temperatures, Humidity	-4 ~ +158°F, 20 ~ 95% RH non-condensing
Storage Temperatures, Humidity	-40 ~ +185°F, 10 ~ 95% RH
NEMA Rating	3
Dimensions: External	16" W x 16.875" H x 11.375" D
Weight	30 lbs.
DIN Rail Length	13"
Cable Management Length	13"

Additional Products

WPNS-4-4G
Weatherproof 4 Port PoE w/ 4G Solution

WPNS-4-5G
Weatherproof 4 Port PoE w/ 5G Solution

WEATHERPROOF CONSTRUCTION BOX
w/ Cellular, LED, 2 Cameras

WPNS-8
Weatherproof 8 Port PoE Network Solution

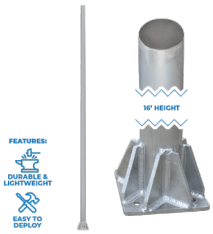
SM200-200AHL
200AH Solar Power Module

Additional Accessories

ALHANDLE-P
Padlockable Handle

ALHTR150-PI
Thermostatic Heater

AP5G4-INJ
5GHZ Long Range PTP Wireless Bridge w/ Injector

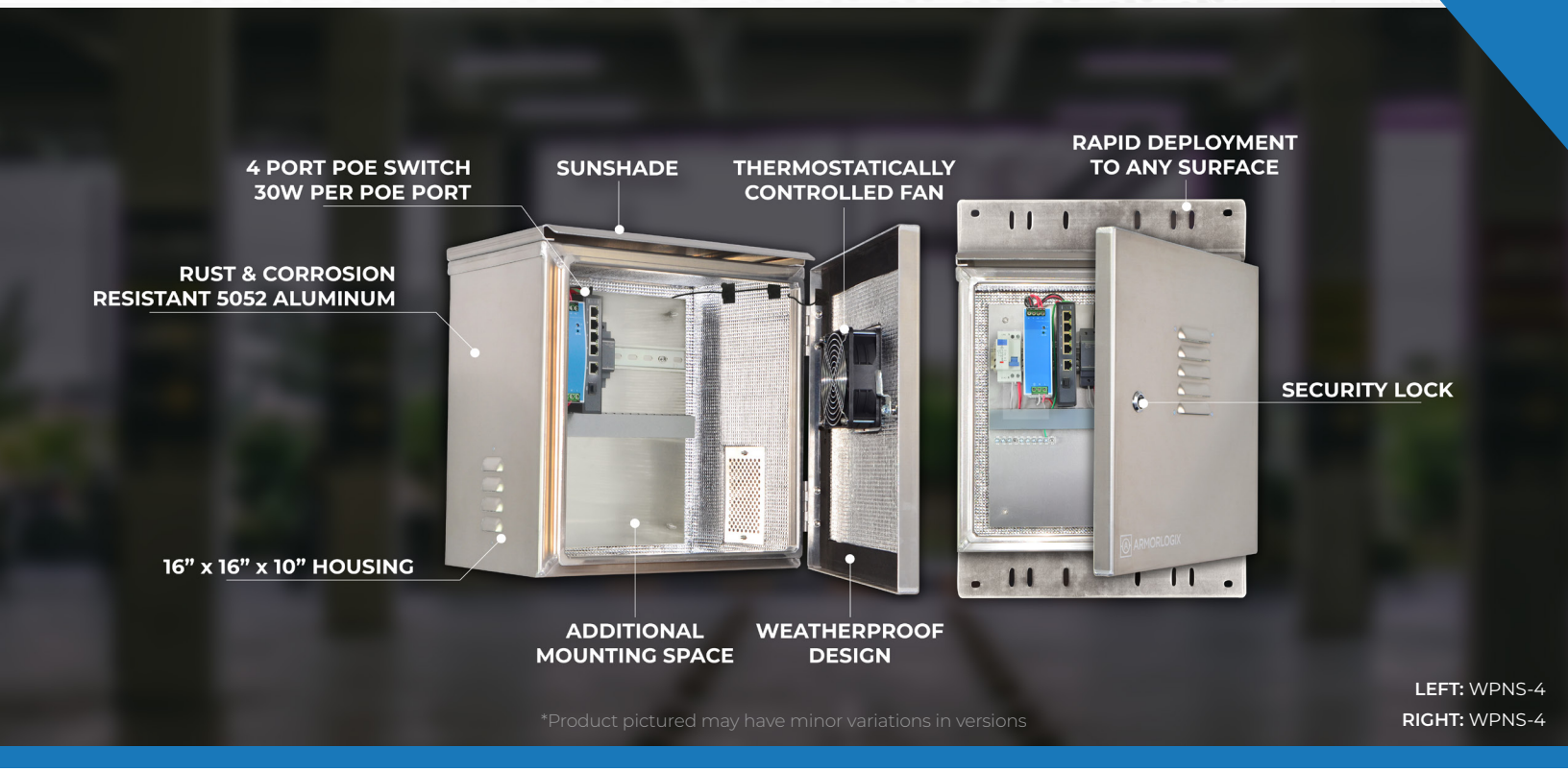


ALPOLE-16
16ft Aluminum Pole For Equipment Mounting

IP4MIAB-28-SDAM-NCV
4MP Armor Ball IP Camera w/ Built-in Mic

WPNS-4

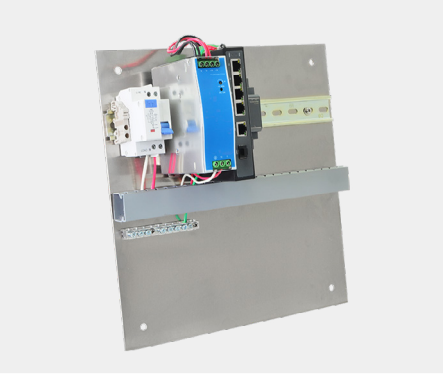
Weatherproof 4 Port PoE Network Solution



*Product pictured may have minor variations in versions

LEFT: WPNS-4
RIGHT: WPNS-4

INCLUDES: 2x universal mounting brackets for rapid deployment to wall, pole, and more.

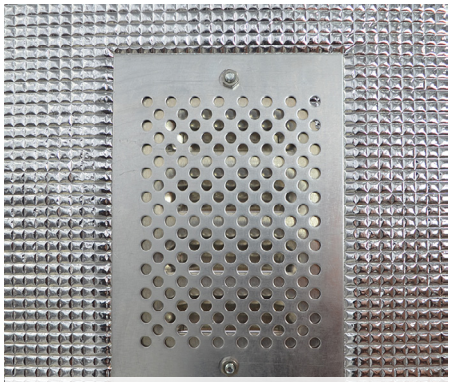


EXAMPLE: Installation with ample room to add third party equipment.

INCLUDES: Thermostatically controlled fan kicks on only when it's needed.

INCLUDES: Sunshield keeps your internal components cool by dispursing direct sunlight.

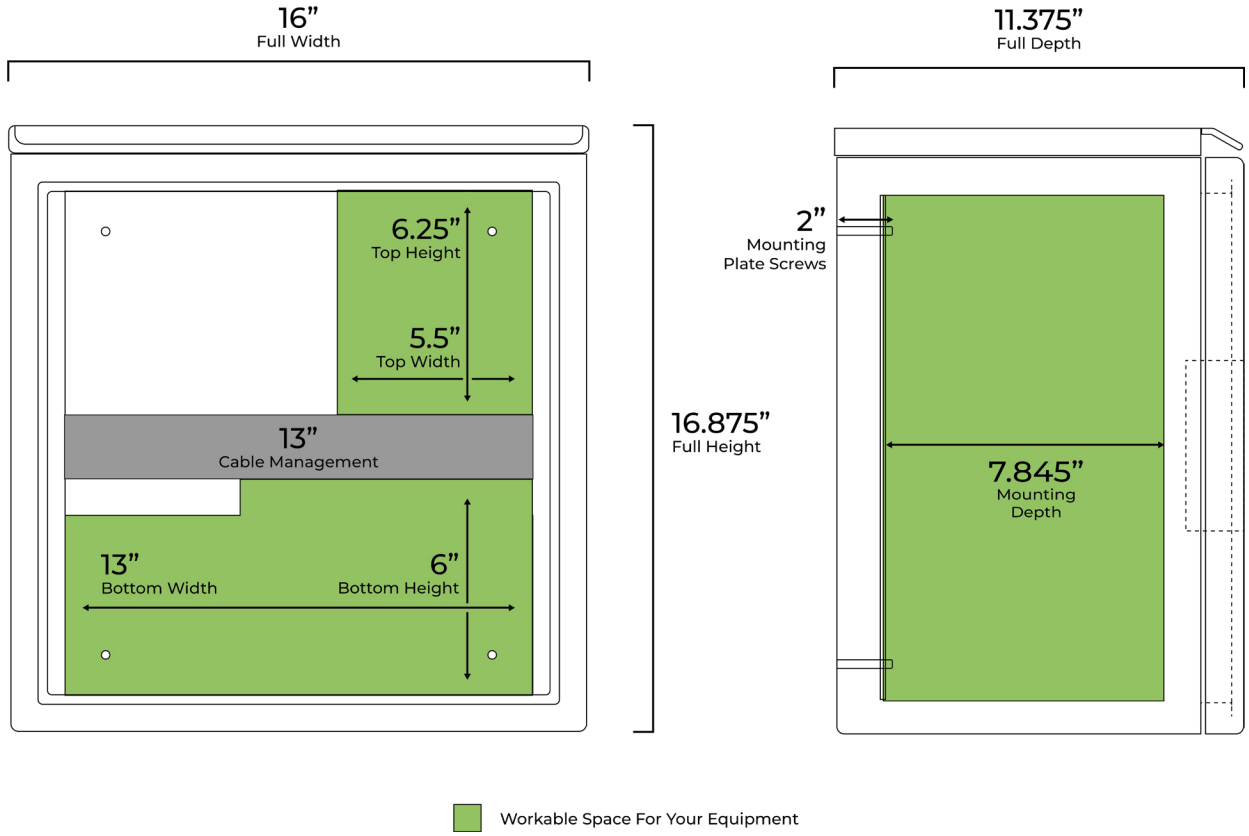
INCLUDES: Lockable enclosure with camlock and set of 2x camlock keys



INCLUDES: Screened airflow vents on the sides and door allows hot air to expel more efficiently

*Product pictured may have minor variations in versions

DIMENSIONS


16”
Full Width
11.375”
Full Depth
6.25”
Top Height
5.5”
Top Width
13”
Cable Management
13”
Bottom Width
6”
Bottom Height
16.875”
Full Height
2”
Mounting
Plate Screws
7.845”
Mounting
Depth
Workable Space For Your Equipment