Technical Specification:

	DW-POE496M
Standard & Protocol	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3x Flow Control
	CSMA/CD, TCP/IP
Interface	4x 10/100/Mbps RJ45 ports (Auto-negotiation, Auto MDIX)
	5th Port is a 10/100Mbps uplink port
Data Transfer Rate	Ethernet: 10/100 Mbps (Half / Full Duplex)
Forwarding Rate	10 Mbps / 148,00 pps, 100 Mbps / 14,8800 pps
Network Media	› 10Base-T: UTP category 3, 4, 5 cable (max 100m/ 328ft) EIA/TIA-568 100Ù STP (maximum 100m/ 328ft) › 100Base-Tx: UTP category 5, 5e cable (max 100m/ 328ft) EIA/TIA-568 100Ù STP (max 100m/ 328ft)
Power supply	Input:100-240 V/50/60 Hz
	48V/2A external power
	Power pin:12(+) 36(-)
Indicators	Power, PoE, Link / Activity
Environment	Operating Temperature: 32°F – 104°F (0℃ – 40℃)
	Operating Humidity: 10% – 90%,no condensing
Transfer Method	Store-and Forward
Certificate	CE, FCC, RoHS
Dimensions	3.6 x 3.2 x 0.86 In (92 x 82 x 22mm)
Warranty	2 Years Warranty

DIGITAL WATCHDOG®

Complete Surveillance Solutions

PoE Switch Quick Start Guide

DW-POE496M

4+1 port 10/100Mbps PoE switch

Rev. 03.15

Overview

Digital Watchdog's Power over Ethernet Switch is a 10/100Mbps PoE switch with 48V/2A external power and with 4 or 8 channel configuration options. The PoE switch simplifies installation of PoE devices such as IP cameras, wireless AP, and VoIP by transmitting both power and data through the same cables. The switch supplies up to 15.4 watts per port and can automatically detect your PoE devices and their power class, minimizing the possibility of damaging your equipment with wrong power supply. The switch can support PoE devices installed up to 320 feet away using Cat5 cables. And Plug and Play makes the installation quick and easy, with no need for advanced configuration or installation, making this PoE switch a perfect choice for any application with IP cameras, wireless AP, and VoIP.

Key features

- › 5 10/100Mbps Auto-Negotiation RJ45 ports with 4 PoE port
- › IEEE 802.3af Power over Ethernet PoE compliant
- › Each port support auto-negotiation-10/20, 100/200Mbps Fast Ethernet
- › Bandwidth 1Gbps
- › Max power for single PoE port is 15.4W
- › Auto PoE Class detection
- › LED indicators for monitoring power, link, activity and speed
- › 48V/2A external power adapter
- › Store-and-forward switching method
- › Plug and Play
- › 2 years warranty

Caution:

- › Operation and maintenance should be performed by a qualified service technician.
- › Network devices connected to the switch must be compliant with IEEE 802.3af.
- › Make sure the power is off before unplugging the power adapter.
- › Power consumption of PoE devices must not exceed the switch's total power supply.
- › Avoid using this product during an electrical storm. A remote risk of electric shock from lightning is possible.
- › For outdoor use, the switch should be housed in a protective enclosure.
- › Only use accessories specified and approved by the manufacturer.

1.Check the PoE switch

(1) Before installing the switch, check the enclosure, RJ45 ports and LED indicators.

(2) Make sure the following is included in the box:
- › PoE Switch
- › Power Cord
- › Power Adaptor
- › Quick Start Guide

2. Connecting cables:

(1) Use CAT5 or CAT6 cables to connect PoE and network devices such as IP Cameras, computers or wireless AP to the switch.

(2) Connect the switch to the network using the additional 10/100Mbps uplink port.

(3) Once all network devices are properly connected to the switch, connect the power adapter to the switch and the power cord to an adequate power supply. A UPS (Uninterrupted Power Supply) is recommended.

(4) Turn on the switch. Watch the LED indicators for power and port status.
- › Power – The green LED indicates power transmission to the network device.
- › PoE – The yellow LED indicates data transmission.