

# POEmax

## Power Over Ethernet Switch

### Eight Ports with Seven PoE Outputs



**IPS8750**  
50 Watts Power

**IPS87100**  
100 Watts Power

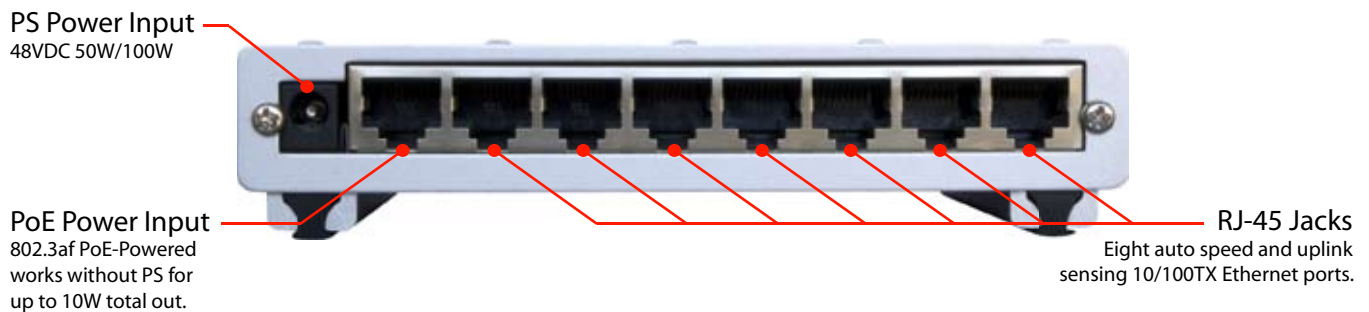
The NetMedia® POEmax™ 87 Series Eight-Port Network Switches have Seven Power over Ethernet (PoE) Outputs. The number of PoE devices that they can run depend on how much current each device requires and on the power supply used for the POEmax. The 100 Watt (W) model supplies enough power for seven devices to draw the maximum load (13W each). The 50W model runs up to seven devices in any combination that does not exceed a total of 47W. All POEmax models include a unique PoE-Powered capability to redistribute up to 10W among the devices. From cubicles and ceilings to server and print rooms, POEmax's small size, flexibility and durability makes it perfect for IP cameras (iViewHD), VoIP phones, data extension, and standard TCP/IP home or office building infrastructure.

#### Product Includes:

1. POEmax Switch Assembly (8 RJ-45 Ethernet Ports w/ 7 PoE Outputs and 1 PoE Input, 8 Link-Activity LED's, 7 PoE Active LED's, 1 Power LED, Power Input Jack, 2 Slide Rails w/Rubber Feet).
2. 48VDC Power Transformer (Center Conductor Positive); **IPS8750 Model:** 50W (1Amp); **IPS87100 Model:** 100W (2.5Amp).

#### Power Supply (Not Shown)

Watts	POEmax Model
50W	IPS8750
100W	IPS87100



## FEATURES

Eight-port Power over Ethernet (PoE) switch  
Seven PoE outputs and one PoE input  
100 Watt model supports maximum PoE load  
50 Watt model provides 47W PoE output  
Unique PoE-Powered mode provides 10W PoE  
No power supply needed when PoE-Powered  
802.3af compliant  
FCC Class B and CE certification  
Space-saving stackable fanless design  
Desktop or wall mountable  
Rugged aluminum housing  
One year limited warranty

## SPECIFICATIONS

	IPS8750	IPS87100
Available PoE Output:	47W across 7 Ports	97W across 7 Ports
Power Supply:	48VDC 50 Watts (1Amp)	48VDC 100 Watts (2.5Amp)
Power Supply Weight:	9.6 oz.	1.25 lbs.
Power Connectors:	5.5mm OD, 2.0mm ID, center positive; PoE RJ-45	
Ethernet Ports:	8 RJ-45 10/100TX Auto Speed/Uplink; 7 PoE Out; 1 PoE In	
LED Indicators:	8 Link/Activity; 7 PoE Active; 1 Power	
Supported Protocols/Standards:	802.3i 10BASE-T; 802.3u 100BASE-TX; 802.3af PoE	
Switch Power Consumption:	3 Watts	
Switch Size:	3.0" long x 5.5" wide x 1.25" high	
Switch Weight:	10.4 oz.	

(subject to change without notice)

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