

## AX-6000 PowerSense™ 24 port Modular Multiport InLine Power Hub

**Safely and efficiently provides Power over LAN Data cabling for VoIP phones, Wireless Networking access points, security cameras and other remote access devices.**

### AX-6524

**3-Slot Rack-mount Chassis Complete w / 24 ports**



The PowerSense™ In-Line Power Hub provides a safe and efficient way to provide power to VoIP Phones, Wireless LAN Access Points, Web Cameras and other LAN Devices without the use of an external power supply for each device.

Power is supplied over the existing LAN data cabling system. This greatly improves the range of installation locations for such devices, no longer requiring them to be located near a power outlet. It also adds an unprecedented level of safety and reliability for powered LAN devices.

The PowerSense™ Hub is a 3-slot rack-mount chassis powering up to 24 devices. A single slot shelf mount Hub is also available. Each 8 port module is Hot swappable and modules may be added to the chassis without powering down the unit. If an individual power port is damaged due to a lightning strike or power surge, the module bank may be hot swapped out without powering down the chassis or disconnecting the other devices attached to the other power ports in the chassis.

### AX-6500

**8 Port Module for the 1 or 3-Slot chassis**



### AX-6108

**1-Slot Chassis with 8 Port module**



When used with an uninterruptible power supply, the PowerSense™ Hub provides non-stop power for up to 24 connected devices. PowerSense™ is tough and durable, made from an all-metal chassis. The PowerSense™ is build to the highest quality using ISO 9002 manufacturing processing standards.

PowerSense™ operates on category 5, 5e or 6 grade LAN Data Cable at standard Ethernet distances. The AX-6000 series supports powered devices requiring the IEEE 802.3af Power over Ethernet Protocol, or Cisco CDP style devices when using the optional 8858-01/02 PoE Connectors.

#### Features/Benefits:

- ✓ Hot swappability allows the End user to quickly change out the module to repair the fault
- ✓ Cost Savings – Installing PowerSense is far less costly than upgrading to a PoE switch, or buying a brand new one, Midspan installation is considerably easier than switch installation
- ✓ Our most cost effective, multi-port solution
- ✓ Power supply sized for “fully loaded” chassis
- ✓ All ports are fused and current limited w/voltage isolation between modules.
- ✓ Minimal Network Downtime – Installation of PowerSense ensures that your organisation productivity remains as high as possible, keeping network downtime to a minimum.
- ✓ High power (37 watt), four port module available
- ✓ 1GBit module available
- ✓ 2 Year Warranty

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## AX-6000 Specifications:

### Certifications

Safety:	UL 1950 and cUL
Emissions:	FCC Class A EN55022 Class A EN55024, CE Mark (CISPR 22 Class A)
Standards:	P802.3af 802.3u

### Interfaces

24 Female RJ-45 Data ports	Shielded jacks for Category 5 or greater UTP (two pair wire) or 100-ohm STP (two pair wire) Distance: 100 meters
24 Female RJ45 Data+Power on LED Indicator/Module	Shielded jacks for Category 5 or greater UTP (two pair wire) or 100-ohm STP (two pair wire) Distance: 100 meters Detect/Power Forwarding (blue) Module Power (green)

### Electrical: AC Power Input with removable power cord (IEC plug)

Input Voltage:	90-264V Autoranging (46Hz - 63Hz)
Connector:	3-pin with Ground
Chassis Grounding:	Yes
Power Supply:	Qty 3 at 150W each

### Electrical: DC Port Power Output

Power Enabling:	IEEE: IEEE 802.3af
Power pins:	Unused pairs, pins 4,5(+), 7,8(-)
Max. Power/Port:	15.4W
Max Power-all ports	24*15.4W (AX-6500 and AX-6500GIG); 12*36W (AX-6500HW)

### Physical/ Mechanical

Chassis type :	19" Rackmount w/24 Ports
Chassis size :	17.5"W x 16.25"D x1.75"H
Module Type :	Removable, hot swappable
Weight:	4.5lbs. (2.2kg)

### Physical/ Environmental

Operating Temperature:	0° to 40° C ( 32° to 105° F)
Storage Temperature:	-10° to 60° C ( 14° to 140° F)
Relative Humidity:	10% to 90% non-condensing
Operating Altitude:	-1,000 to 10,000 feet

### LED Indicators/Module

LED Indicators/Module	Detect/Power Forwarding (Blue) Module Power (Green)
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## AX-6000 Ordering Information

### Chassis only

AX-6224	3 Slot PowerSense™ Chassis - 19" Rackmount ready
AX-6208	1 Slot PowerSense™ Chassis

### 3-Slot Chassis - Complete w/8 port modules, up to 3 modules

AX-6524	24 Power & Data Ports - IEEE 802.3af
AX-6516	16 Power & Data Ports - IEEE 802.3af - w/one cover plate
AX-6508	8 Power & Data Ports - IEEE 802.3af - w/two cover plates

### 1-Slot Chassis - Complete w/8 port module, 1 module

AX-6108	8 Power & Data Ports - IEEE 802.3af
AX-6108-RM	19" Rackmount Kit for AX-6108

### 3-Slot Chassis - Complete w/4 port High Power modules, up to 3 modules

AX-6512HW4	12 Power & Data Ports - IEEE 802.3af - 36 watts per port
AX-6508HW4	8 Power & Data Ports - IEEE 802.3af - 36 watts per port
AX-6504HW4	4 Power & Data Ports - IEEE 802.3af - 36 watts per port

### 3-Slot Chassis - Complete w/8 port Gigabit modules, up to 3 modules

AX-6524GIG	24 Power & Data Ports - IEEE 802.3af
AX-6516GIG	16 Power & Data Ports - IEEE 802.3af
AX-6508GIG	8 Power & Data Ports - IEEE 802.3af

### Individual Chassis Modules

AX-6500	IEEE 802.3af module - 8 port
AX-6500HW4	IEEE 802.3af module - 4 port High Power - 36 watts per port
AX-6500GIG	IEEE 802.3af module - 8 port Gigabit support

### Chassis - Cover Plates for unused slots

AX-6201	Single Slot cover plate
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### Power over Ethernet Connectors

AX-8858-01	PoE Connector allows a Cisco 7900 series IP phone or Cisco access point to take
AX-8858-02	PoE Connector allows a Cisco 7900 series IP phone or Cisco access point to take

For further information please contact:

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