

# SYSTIMAX<sup>®</sup>

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## SOLUTIONS

### SYSTIMAX<sup>®</sup> Midspan Power over Ethernet Devices Powering Enterprise Applications with SYSTIMAX SCS

SYSTIMAX midspan Power over Ethernet (PoE) devices offer an effective method for powering enterprise applications by eliminating the need for costly electrical wiring and providing maximum installation flexibility. Consistent with the quality and performance enterprises have come to expect from SYSTIMAX Structured Connectivity Solutions (SCS), the midspan PoE devices are robust, best-in-class, standards-based technology.

#### Saves Time and Money

- Leveraging SYSTIMAX cabling solutions, the midspan PoE devices allows network end-points to receive both data and power over existing Category 5e or Category 6 cabling
- Protects your network investment by offering a lower total cost of ownership than alternative Power over Ethernet solutions
- Installations savings by deploying all your LAN infrastructure at the same time: cabling, wireless, and now power

#### Scalable

- Quick, cost effective expansion of the network as enterprise requirements evolve
- Broad range of solutions fit different types of installations – 6, 12, or 24 port midspan PoE devices
- Simultaneous power for up to 24 Ethernet end-points

#### Simple to Install, Integrate, and Manage

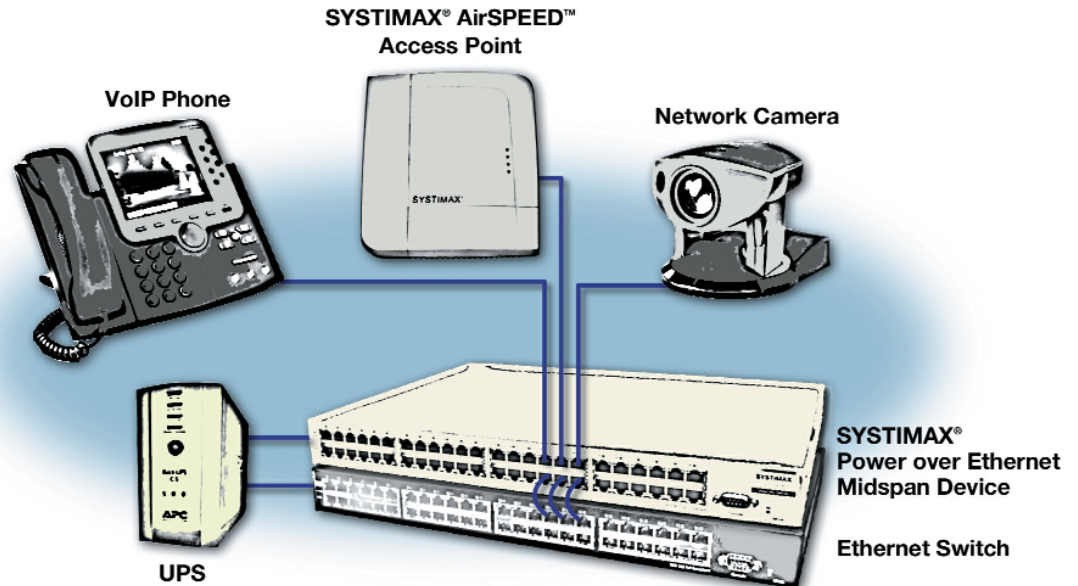
- Eliminates the need for AC outlets and power cords at locations where network end-points are installed
- Automatically detects all PoE-ready devices
- Front panel accessible ports with easy to read LED displays
- IEEE 802.3af compliancy ensures compatibility with future power over Ethernet devices
- Mounted within SYSTIMAX SCS racks - occupies minimal space in the telecommunications closet

#### Continuous, Reliable Performance and Backup Power

- Enhanced power management allows enterprises to designate power levels per port to ensure sufficient power to all end point devices
- Safe-powering assures safety with advanced line terminal detection
- Automatic detection and protection of legacy, non-powered, Ethernet end-points
- Distributes back up power and ensures uninterrupted operation of business critical systems during power failures when deployed with an Uninterruptible Power Supply (UPS)



## SYSTIMAX Midspan PoE Applications



### Connectors

Shielded RJ-45, EIA 568A and 568B  
DB-9, Female (Management)

### Dimensions and Weight

Dimensions 1.75 x 17.0 x 11.9 in (4.4 x 43.3 x 30.2 cm)  
Weight 8.8lbs (4 kg)

### Environmental

Temperature	Operating	32 to 104 degrees F (0 to 40C)
	Storage	-4 to 167 degrees F (-20 to 75C)
Humidity	Operating	Maximum 90%, non-condensing
Altitude	Operating	-1000 to 10,000 ft. (-304.8 to 3048m)

### Thermal Rating

285 BTU

### Data Rates

10/100 Mb/s

### LEDs

System Indicator	AC Power (Green/Orange)
User Indicator	Channel Power (Green/Orange)

### Management

Local LED Display

### Power

Pin Assignment and Polarity	4/5 (+), 7/8 (-)
Output Power Voltage	-48V
User Port Power	15.4W maximum Power Management
Aggregate Power	2400 / 1200 200W 600 100W
AC Input Voltage	88 to 264 Vac
AC Frequency	47 to 63 Hz
AC Input Current	3.5 A at 110 Vac, 1.8 A at 240 Vac
DC Input Current	10 A at 48V
Volt Amperes Rating	0.48 KVA (-48V) 0.30 KVA( 110 VAC)

### Product Options

6, 12, or 24 port midspan PoE Device Configurations

### Related Products

- SYSTIMAX AirSPEED AP542 & AP541 Access Points
- SYSTIMAX PoE 2400G (Managed)
- SYSTIMAX AirSPEED Dual Band Signal Enhancing Antennas
- Wavelink Mobile Manager
- Wavelink Avalanche

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