



**Proxim Power over Ethernet (PoE) single port Midspans offer a compact and cost effective, fully IEEE 802.3af compliant solution for remote powering of wireless LAN (WLAN) access points, IP Security cameras and other low port density installations.**

The 4401-US PoE Midspans eliminate the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

The 4401-US PoE Midspan can power both existing 10/100 baseT network devices and emerging Gigabit devices such as wireless Wi-Max access points and remote distance wireless IEEE 802.11n access points.

### Benefits

- Cost-effective power distribution for WLAN access point installations
- Safe powering of standard compliant, as well as Pre-standard end-terminals
- Investment protection of existing Ethernet switches and cabling infrastructure
- Saves time and reduces installation costs
- Easy plug-and-play installation
- Several units can be mounted adjacently for powering more than one Ethernet terminal
- Cleans up low-density wireless LAN deployment and eliminates the need for multiple oneport PoE solutions.
- Support Gigabit Ethernet data transmission for applications such as Wi-Max access point; Gig IP phones; IP cameras

### Features

- Fully IEEE 802.3af standard compliant
- Compatible with IEEE 802.3af or legacy Cisco powered devices
- Safe and reliable powering of WLAN access points
- Automatic detection and protection of non-standard Ethernet terminals
- Support 10/100/1000 BaseT applications
- Compact design specifically tailored for WLAN access point installation
- Internal AC/DC converter-no need for external power brick

### Description of Features

- **Standard Compliance** - Proxim 4401-US PoE Midspan are fully compatible with IEEE 802.3af standard. It features a standard auto-sensing algorithm and provides safe power to remote terminals.
- **Upgrade Legacy Ethernet Switches** - The Proxim 4401-US PoE midspans connect to legacy Ethernet infrastructure, enable users to upgrade their existing Ethernet switches and provide power over Ethernet capabilities. The Proxim 4401-US generates safe power over standard Category 5 cabling. By sending 48V, Ethernet terminals such as wireless LAN access points, IP Phones and network cameras are powered remotely. An external splitter may be installed where a device is not standard compliant.
- **Compact Design** - Proxim 4401-US Power over Ethernet Midspans are small and compact standalone product. No additional components are needed. just add an IEC320 standard line cord.
- **Scalable Design** - Proxim 4401-US have an exclusive interlocking feature which connects multiple units together side by side to support more than one wireless LAN access point. It is especially designed for small business and low-port density installations.
- **Centralized Power Distribution** - Deploying a PoE midspan in conjunction with a central UPS provides a cost-effective way to distribute backup power and ensures uninterrupted operation of the network during electrical power failure.
- **Easy to Install** - Proxim 4401-US PoE Midspans are plug-and-play devices. Once turned on, they automatically detect the Power over Ethernet terminal and supply Power over Ethernet.
- **Concise LED Displays** - The Proxim 4401-US have two LED's indicating normal, overload or short circuit conditions. **Powering Gigabit devices** - The Proxim 4401-US supports existing 10/100Mbps terminals, thus powers terminals in Gigabit environment.

ORiNOCO® 1-Port PoE Injector

NO. OF PORTS	1
DATA RATES	4401-US/AC: 10/100/1000Mbps
POWER OVER ETHERNET PIN ASSIGNMENT AND POLARITY:	4401-US: Output 4/5 (+), 7/8 (-) Output Power Voltage: -48V, User Port Power: 15.4W min.
INPUT POWER REQUIREMENTS	AC Input Voltage: 90 to 264 Vac, AC Input Current: 0.5A @ 110-220 Vac AC Frequency: 47 to 63Hz
DIMENSIONS	58.5 mm (W) x 31mm (H) x 145 mm (L)
WEIGHT	1 lbs (450 g)
INDICATORS SYSTEM INDICATOR:	Ac Power (Green) User Indicator: Channel Power (Green)
CONNECTORS	Shielded RJ-45, EIA 568A and 568B
ENVIRONMENTAL CONDITIONS	Operating Ambient Temperature: 32 to 1040F (00 to 400C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -40 to 1580F (-200 to 700C), Storage Humidity: Maximum 93%, Non-condensing Operating Altitude: -1000 to 10,000ft. (-304.8 to 3048 m)
MTBF	100,000 hours
REGULATORY COMPLIANCE	CE
ELECTROMAGNETIC EMISSION & IMMUNITY	FCC Part 15, Class B with FTP cabling EN 55022 (CISPR 22) Class B with FTP cabling EN 55024 (CISPR 24), VCCI
SAFETY APPROVALS	UL/cUL Per EN 60950 GS Mark Per EN 60950