

Control. Detect. Reboot. and Eliminate Additional Power Supplies

uSwitch PoE



What Will “U” Do with uSwitch PoE?

Whether you are right next door or halfway across the world, YOU have control over any device on a network with your iPhone, Android or any device with a web browser. Designed for the most critical operations, uSwitch PoE not only automatically reboots any network device when it locks up but also eliminates the need for additional power supplies for cameras, modems or servers!

Simple to use and with no programming required and with just one input power source, uSwitch PoE auto negotiates voltages from 48 volts down to 5 volts, providing 15.4 watts of power per port. For non PoE devices, uSwitch PoE provides a 12 VDC output. uSwitch also has an IP relay that automatically reboots or controls non PoE devices.

Not just a switch, not just a relay, uSwitch is a smart auto negotiating watchdog PoE switch and powerful IP relay that keeps you connected! Auto rebooting networking devices is the simplest way to keep the most critical operations on line.

Keep Your Eye on the Target



Don't Let Camera Lockups Compromise Your Investigation

What are the consequences if a camera locks up during a covert deployment? At the very least, you might lose valuable information. Even more disturbing is that unnecessary maintenance of cameras that go offline can jeopardize the entire operation as well as the safety of law enforcement personnel. Special operations cannot afford to compromise their investigations or miss out on valuable information. The impact of lockups is serious. Whether at an international border, nuclear plant or airport, a lockup could have severe consequences.

The Powerful Watchdog Auto Negotiating PoE Switch with IP Relay that Keeps You Connected

- No need to manually reset devices on site
- Simple installation
- Compact size for even the smallest enclosure
- Password Protected
- Full control via web or LAN
- Eliminates additional bulky power supplies



uSwitch PoE Product Specifications

Features

- IEEE 802.3af Power over Ethernet standard
- Supports 10/100Mbps fast Ethernet
- 4 x 100Mbps Auto-MDIX PoE ports
- Automatically detects the PoE class level of a Powered Device
- 1Gbps bandwidth
- Forwarding rate: 100 Mbps / 148,800 pps; 10 Mbps / 14,880 pps
- Full wire-speed non-blocking reception and transmission
- Store-and-forward switching method
- Back pressure Flow Control for Half-Duplex mode
- IEEE 802.3x Flow Control for Full-Duplex mode
- Power saving technology powers down unused ports and when a connected device is in standby mode
- Plug and Play
- 12VDC output supply
- Switch can Autoreboot POE devices based on connectivity
- 1-General Purpose Relay output (fully user configurable)
- uSwitch Web interface
- Sturdy rack mountable metal case
- 1-year limited warranty



Specifications

Standards:	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3x Flow Control
Ports:	4x100M Auto-MDIX PoE / PoE+ UPLINK RJ-45 ports
Data Transfer Rate:	Ethernet: 10/100 Mbps (Half / Full Duplex)
Forwarding Rate:	100 Mbps / 148,800 pps, 10 Mbps / 14,880 pps
Switching Capacity:	1G
Power:	100-240 V, 50/60 Hz
LED indicator:	Power, PoE, Link / Activity
Power Consumption:	Min: 8 Watts (standby) Max: 48 Watts
Power over Ethernet:	Up to 15.4 watts for PoE PoE: pin 3,6 for power- and pin 1,2 for power+
Environment:	Operating Temperature: 0°C~40°C(32 F~104 F), Storage Temperature: -40°C~70°C(-40 F~158 F), Operating Humidity: 10%~90% non-condensing, Storage humidity: 5%~90% non-condensing
Auto Ping /Watch Dog:	Unit can Ping 3 different IP Address/URL to confirm connectivity. Selectable auto reboot based on Ping Response
Default:	IP address: 192.168.1.199 Subnet Mask: 255.255.255.0



Keeping Networks Alive