Specifications

Specifications	SD Switch, 8-Ports	SD Switch, 24-Ports	SD Switch, 48-Ports
LAN Interface	8x 802.3at PoE GE Ports, 2x 1G SFP Ports	24x 802.3at PoE GE Ports, 2x 10G SFP+ Ports	48x 802.3at PoE GE Ports, 4x 10G SFP+ Ports
VLAN Groups:	Yes	Yes	Yes
Fiber Module:	1 Gbps	10 Gbps	10 Gbps
AC Adaptor	AC Input 100V-240V DC Output 54V*	-	-
Power Input	DC Power (DIN Connector): 54V Terminal Block: 12V-56V	2x 100V – 240V AC Input, With Power Redundancy	2x 100V – 240V AC Input, With Power Redundancy
Integrated Power Source	-	2-3x Redundant PSU	3x Redundant PSU
Power Consumption	20W System, 90W PoE+ Power Budget (Upgradable to 240W*)	50W System, 550W or 850W PoE+ Power Budget	100W System, 800W PoE+ Power Budget
Dimensions	8.2 x 6.3 x 1.7 inches 210 x 160 x 45 mm (L x W x H)	19.1 x 15.7 x 1.7 inches 485 x 400 x 45 mm (L x W x H)	19.1 x 15.7 x 1.7 inches 485 x 400 x 45 mm (L x W x H)
Weight	2.2 pounds 1 kg	13.7 pounds 6.2 kg	15.4 pounds 7.0 kg
Operating Temperature	-40° – 149°F -40° – 65°C	32° – 104°F 0° – 40°C	32° – 104°F 0° – 40°C
Humidity	15% – 95% (non-condensing)	15% – 95% (non-condensing)	15% – 95% (non-condensing)
Warranty	1-Year Limited Warranty	1-Year Limited Warranty	1-Year Limited Warranty

* The bundled PSU provides 90W of PoE+ power budget.
Additional ACW-623 (180W PSU) is required to enable up to 240W power budget.

8-Ports
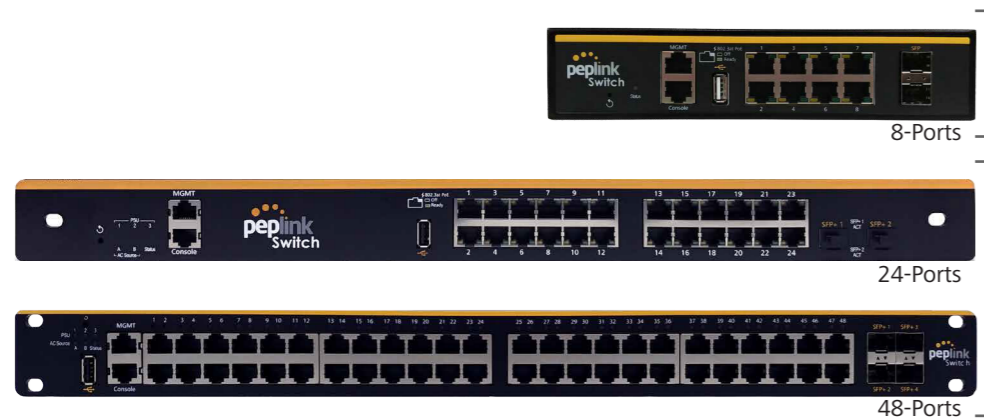
Length: 8.2 inches (210 mm)
Width: 6.3 inches (160 mm)
Height: 1.7 inches (45 mm)
Weight: 2.2 pounds (1 kg)

24-Ports

48-Ports

Length: 19.1 inches (485 mm)
Width: 15.7 inches (400 mm)
Height: 1.7 inches (45 mm)
Weight (24pt): 13.7 pounds (6.2 kg)
Weight (48pt): 15.4 pounds (7 kg)

Product Ordering Information

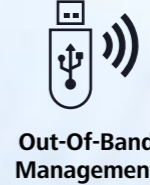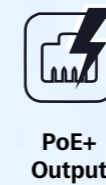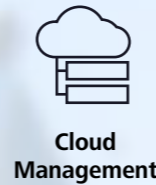| Product Code	Description
PSW-8-240W-RUG	PoE enabled (delivers up to 240W) Gigabit (8 ports) and SFP+ (2 ports) switch with redundant power inputs.
PSW-24-850W	PoE enabled (delivers up to 850W) Gigabit (24 ports) and SFP+ (2 ports) switch with redundant power inputs and 3x power supplies.
PSW-24-550W	PoE enabled (delivers up to 550W) Gigabit (24 ports) and SFP+ (2 ports) switch with redundant power inputs and 2x power supplies.
PSW-48-800W	PoE enabled (delivers up to 800W) Gigabit (48 ports) and SFP+ (4 ports) switch with redundant power inputs and 3x power supplies.
ACW-623-US	Power Supply Unit for 8-port SD-Switch (PSW-8-240W-RUG) 54V, 3.34A, 180W (For US)
ACW-623-UK	Power Supply Unit for 8-port SD-Switch (PSW-8-240W-RUG) 54V, 3.34A, 180W (For UK)
ACW-623-EU	Power Supply Unit for 8-port SD-Switch (PSW-8-240W-RUG) 54V, 3.34A, 180W (For Europe)
ACW-623-AU	Power Supply Unit for 8-port SD-Switch (PSW-8-240W-RUG) 54V, 3.34A, 180W (For Australia)

sales@peplink.com

www.peplink.com

Ref no: sdswitch-201806-v2

SD Switch
New Class of Switch with Cloud Intelligence

Cloud Management	PoE Port Scanning	PoE+ Output	Multi-PSU	Out-Of-Band Management

Expect More from Your Switch

Managing your switches and all connected devices can be a worry-free experience. Yet current switches still cause as many headaches as they solve. Is your switch smart and easy to use enough to address the following problems?

**No Configuration Transparency**
Configuration done through CLI is neither centrally visible nor manageable. This creates unnecessary maintenance downtime.

Time-Consuming Troubleshooting
If an improperly connected device is causing network problems, tracing the problems and finding the culprit becomes frustrating.

Network-Wide Switch Coordination
From VLAN to firmware updates, the bigger the network, the less practical it is to configure each switch individually.
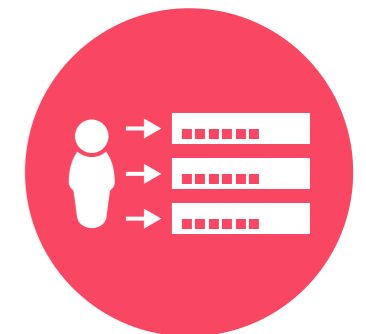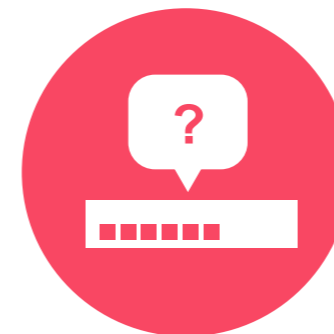
Solution: Peplink SD Switch

Centralized Reporting
View the status of every SD Switch, what ports are connected to which devices, and what firmware it is running, all on a single interface.
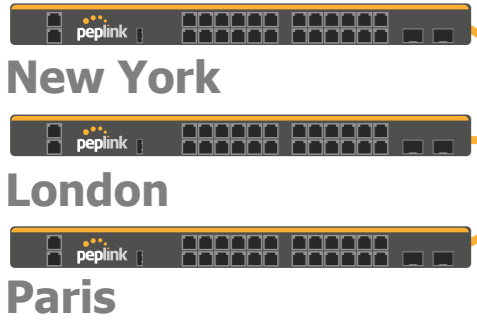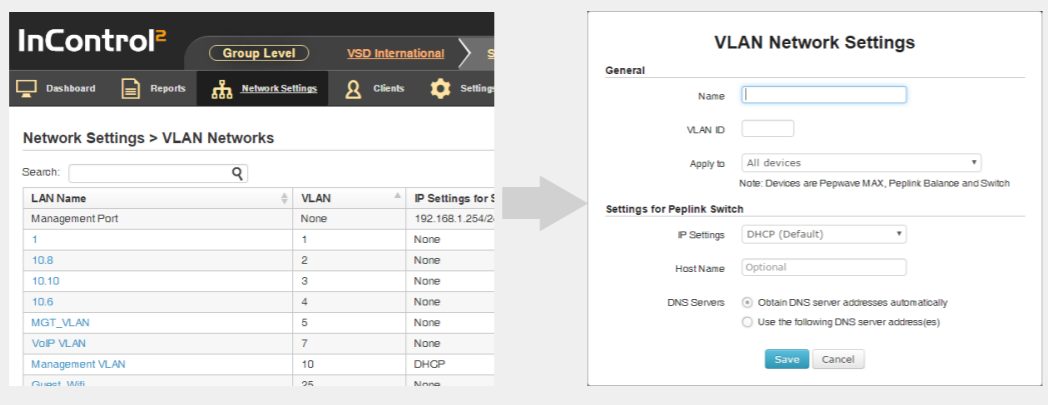
Tools to Quickly Find the Culprit
Use our cloud-based management tool to see all connected clients. Search by MAC address and pinpoint the culprit's exact port.

Modern Cloud-Based Management
Centrally define VLAN and firmware update policy. Push configurations to device groups. and remotely schedule PoE port operation.

Network-Wide VLAN Configuration

Simplify management and cut down maintenance time by unifying your VLAN management across your SD Switches and other Peplink devices.

InControl²
Group Level   VSD International

Dashboard   Reports   Network Settings   Clients   Settings

Network Settings > VLAN Networks

Search:

LAN Name	VLAN	IP Settings for S
Management Port	None	192.168.1.254/2
1	1	None
10.8	2	None
10.10	3	None
10.6	4	None
MGT_VLAN	5	None
VoIP VLAN	7	None
Management VLAN	10	DHCP
Guest_WiFi	25	None

VLAN Network Settings

General

Name

VLAN ID

Apply to   All devices
Note: Devices are Pepwave MAX, Peplink Balance and Switch

Settings for Peplink Switch

IP Settings   DHCP (Default)

Host Name   Optional

DNS Servers   ○ Obtain DNS server addresses automatically
○ Use the following DNS server address(es)

Save   Cancel

New York

London

Paris

InControl²
Cloud Management

USB Modem

Port Management, Instant Network-Wide Troubleshooting

Search for any device across all your SD Switches, and quickly find out which devices are causing problems.

Remotely Configure Ports

Ports   3, 5, 7, 9, 11

Enable   ☑

PoE Enable   ☑

Speed   Auto

Port Type   ○ Trunk   ● Access

Networks   Marketing (VLAN 3)

RSTP   ☐

Day 2016-10-19

Hourly Usage of Port 3

— Power Usage

09:00 - 10:00   16.34Wh

Download as CSV

Check Power Consumption History

Dashboard   Report Level   VSD International   Head Office Switches   Clients

Settings   Clients   Settings   Head Office Switches   VSD International

Search: 00 25

Search Devices by MAC Address

Type	Name	IP
	00:25:A4:FE:28:13	
	F1:BC:12:6D:33:	
	C8:1F:67:13:41:AD	10.11.11.81
	00:1A:DA:A1:C7:A0	10.11.36.191

InControl²
Device Level   VSD International   Switch Group   SW-A5   Device Details

Device Details   Reports   Clients   Settings   Switch Group   VSD International

Dashboard > SW-A5

Information | Edit

Device Name   A5_SW_SK
Serial Number   ABCD-1234-ABCD
LAN MAC Address   10:10:10:10:10:10
Model   Peplink Switch
Product Code   PSW-24-850W
Uptime   19 hours 8 minutes
Web Admin Authentication   Device Managed
First Appeared   19 hours ago (2016-10-04 19:56:22)
History   Event Log
Configuration Backups   Download ...
Warranty Expiry Date   2017-09-11 (In warranty)
Note   10.9.254.128

Status

Management Port IP   192.168.1.254/24
Management VLAN IP   10.150.248.218/16
InControl Detected IP   72.192.169.213
Usage   24.8 Mbps
Clients   3
Connected GE Ports   9
Connected SFP+ Ports   0
Power Consumption   PSU_1 PSU_2 PSU_3 4%
Fan Speed   FAN_1 FAN_2 FAN_3 63%
Temperature   -
AC Source A   ■ Connected
AC Source B   ■ No Cable Detected
Location   7275 Meadowbrook Lane Virginia Beach, VA 23451
112.338997, 124.150536   Hide

Select Multiple Ports to ...

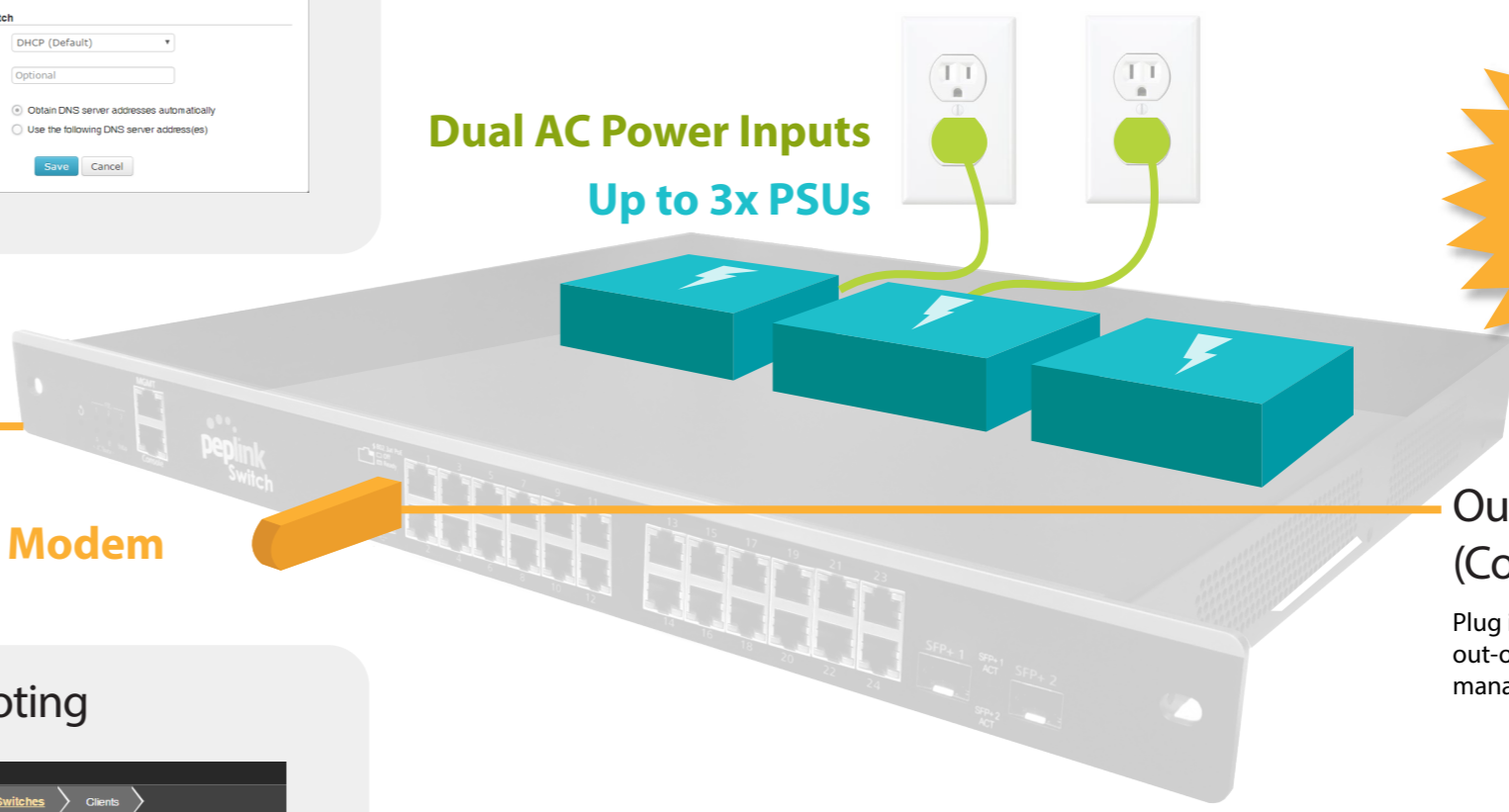## 24pt & 48pt: Unbreakable Power via Multiple Redundancies

The SD Switch is built with dual AC power inputs, enabling you to connect it to two independent power sources. Even if one source accidentally loses its connection, the SD Switch will keep on running.

The SD Switch is also built with up to three power supplies. By balancing the load between them, they have a longer life expectancy. Even if a power supply goes down, the SD Switch will still keep on running.
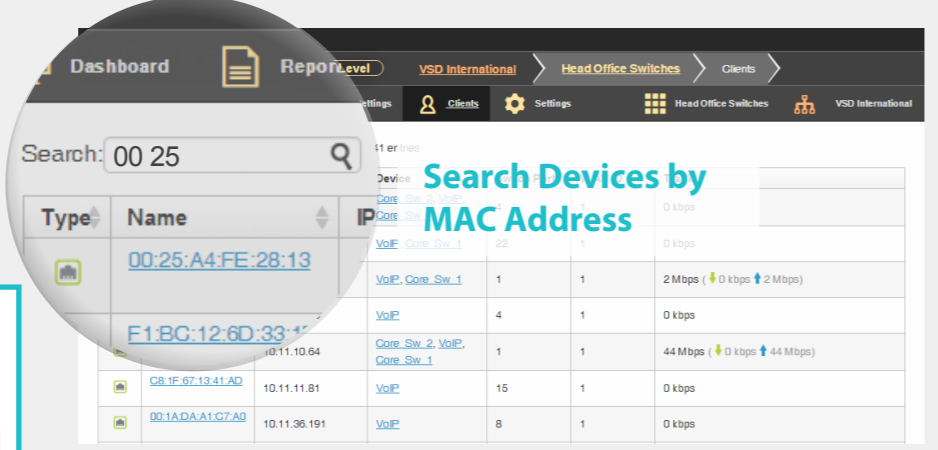
Dual AC Power Inputs

Up to 3x PSUs

Industry Leading Power Budget
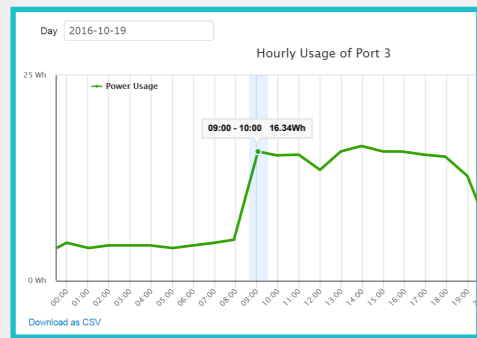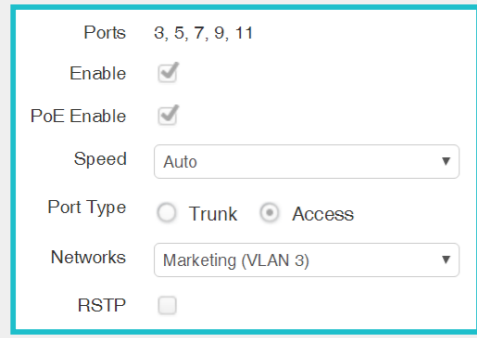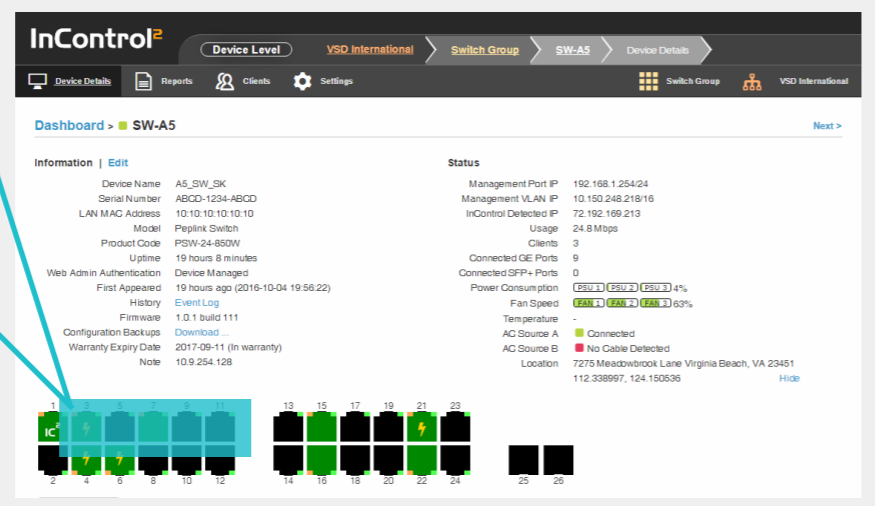**850W**
Within 1U

Out-Of-Band Management (Coming Soon)

Plug in a USB modem to enable secure out-of-band management using our cloud management tool.

peplink Switch

## 8pt SD-Switch: Reliability Under Adverse Conditions

The 8-Port version of the SD-Switch is built with extreme environments in mind. It features a fanless design to prevent dust ingression and has a significantly wider temperature range than other switches in the market. In addition to operating in harsh environments, the 8-port switch could also reduce the number of trips made to the site by IT admin thanks to InControl's extensive remote diagnostic and management capabilities.

Fanless Design
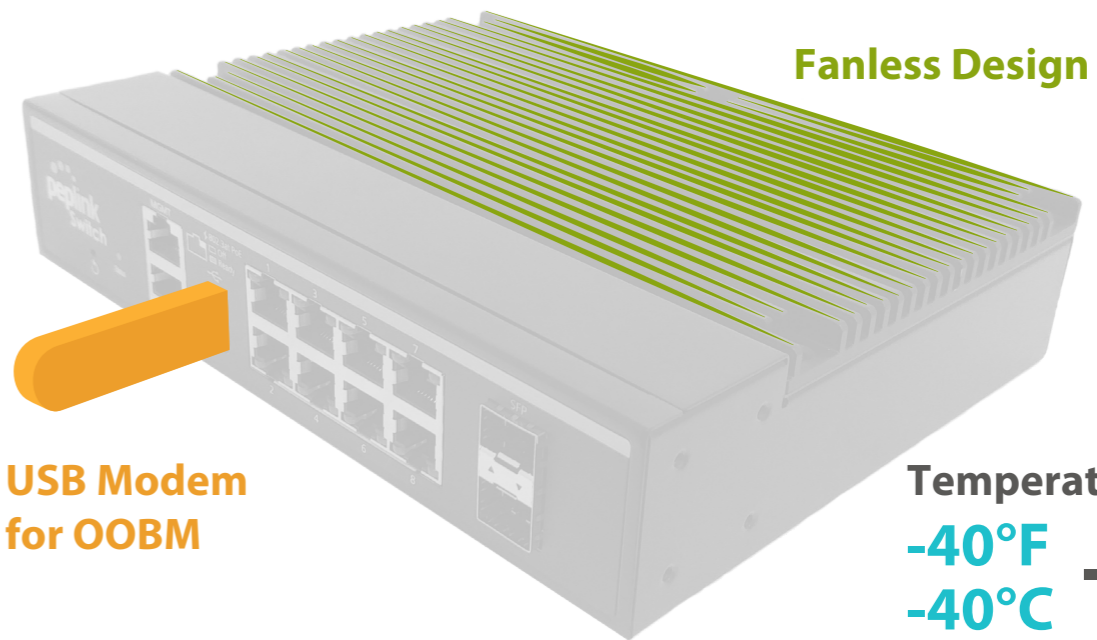
USB Modem for OOBM

Temperature Range:

-40°F — 149°F

-40°C — 65°C