SD Switch
New Class of Switch with Cloud Intelligence

peplink

Specifications

SD Switch	
LAN Interface	24x 802.3at (PoE+) GE Ports, 2x 10G SFP+ Ports
VLAN Groups:	Yes
Power Input	2x 100V – 240V Redundant AC Inputs
Power Source	2-3x Redundant PSU
Power Consumption	50W System, 550W or 850W PoE+ Power Budget
Dimensions	1.7 x 19.1 x 15.7 inches 45 x 485 x 400 mm (Height x Width x Depth)
Weight	17.6 pounds 8.0 kg
Operating Temperature	32° – 104°F 0° – 40°C
Humidity	15% – 95% (non-condensing)
Warranty	1-Year Limited Warranty

Reset Button
Management Port
USB Port for Out-Of-Band Management
2x 10G SFP+ Ports
LED
CLI Interface
24x 802.3at (PoE+) GE Ports

17.5 inches
450 mm

100V - 240V AC Inputs
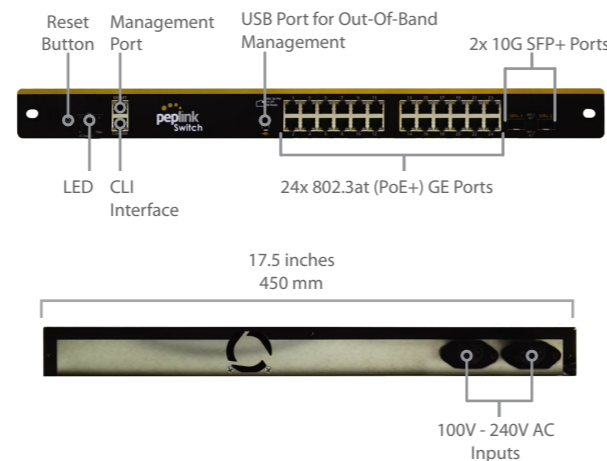
Features

Networking
Link Aggregation (LACP)
Spanning Tree Protocol

Hardware
PSU Redundancy
Power Input Redundancy

Power Management
Port Scheduling

Device Management
Web Administrative Interface
InControl Cloud Management
Email Notification
Syslog Service

19.1 inches
485 mm

1.7 inches
45 mm

15.7 inches
400 mm

Product Ordering Information

Product Code	Description
PSW-24-850W	Peplink SD Switch, 850W power budget, 3x power supply units, 24x GE Ports (PoE+), 2x 10G SFP+ Ports.
PSW-24-550W	Peplink SD Switch, 550W power budget, 2x power supply units, 24x GE Ports (PoE+), 2x 10G SFP+ Ports.

Central Cloud Management

Instant Network-Wide Troubleshooting

PoE Port Scheduling

2-3x Redundant PSU

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.

Need to Supply Reliable Power
If a switch's power supply fails for any reason, all connected devices become inoperable, bringing business to a halt.

```
sw(config-if)
# no shudown
        ^
ERROR: % Inval
detected at
```
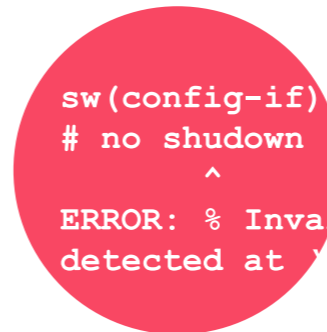
Solution: Peplink SD Switch

Modern Cloud-Based Management
View the status of every SD Switch on a single interface. Push configurations to device groups and remotely schedule PoE port operation.

Tools to Quickly Find the Culprit
Use our cloud-based management tool to see all devices in your network. Search by MAC address and pinpoint the culprit's exact port.

Unbreakable Power
The SD Switch is equipped with dual AC power inputs and up to 3x PSU to ensure that it will keep running no matter what.
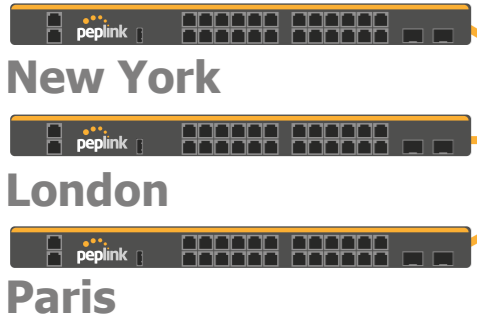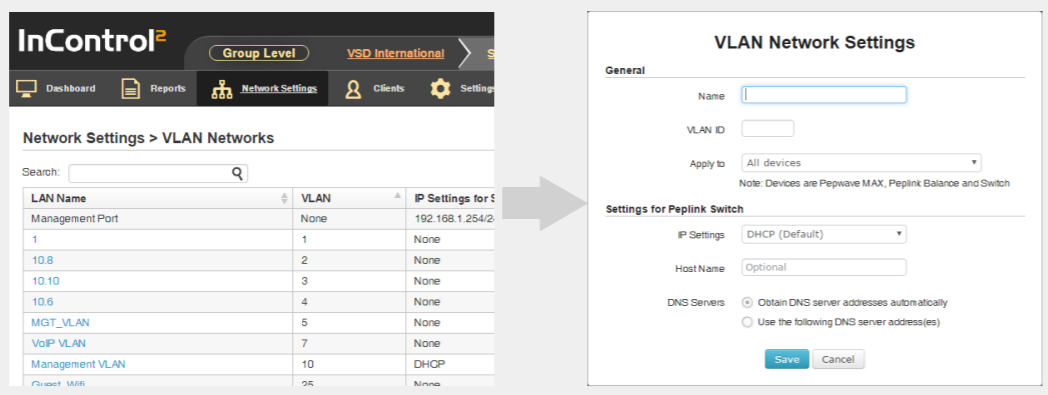
Network-Wide VLAN Configuration

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	

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

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
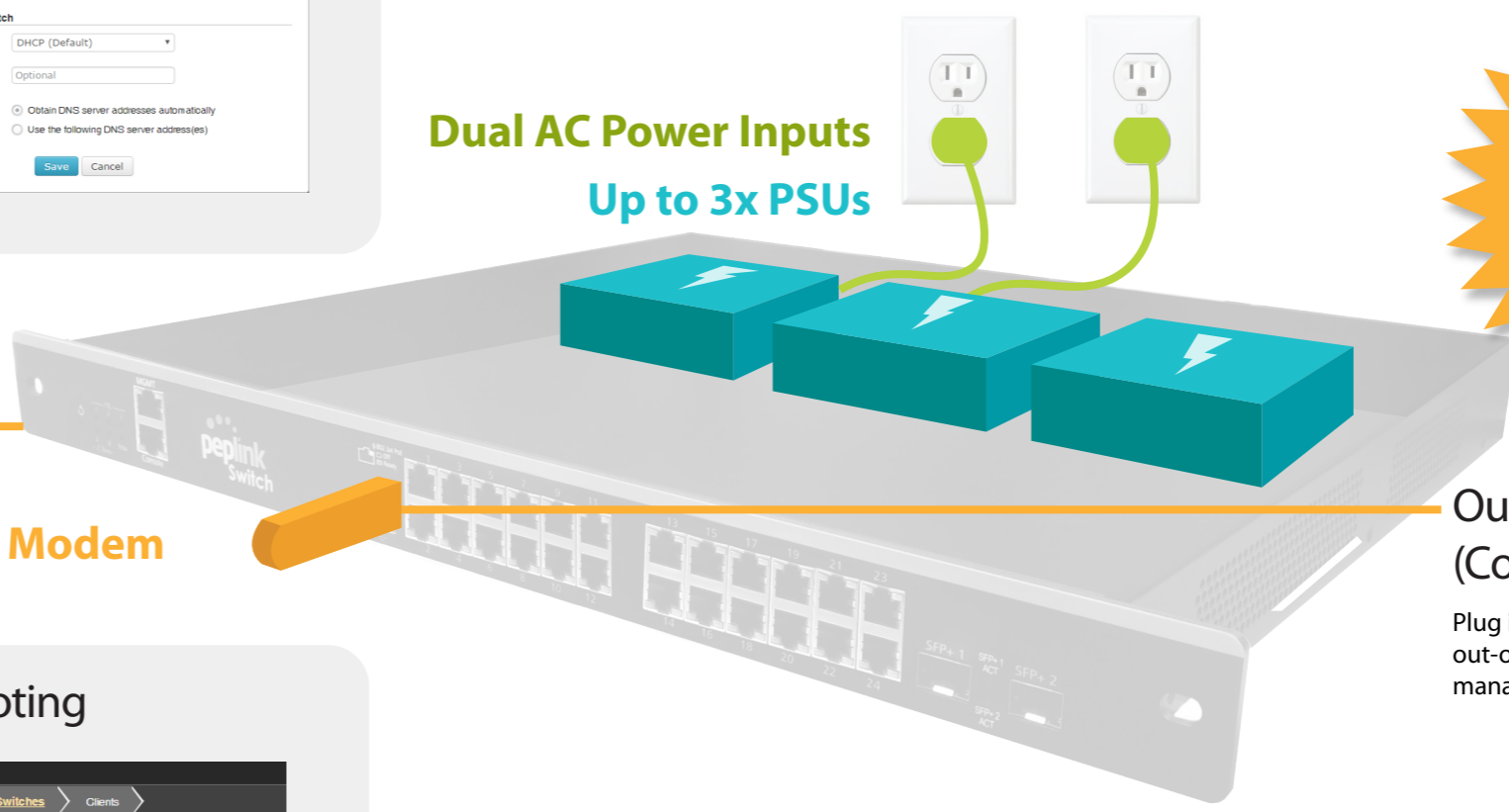
Industry Leading Power Budget
850W
Within 1U

peplink Switch

Out-Of-Band Management (Coming Soon)

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

Port Management, Instant Network-Wide Troubleshooting

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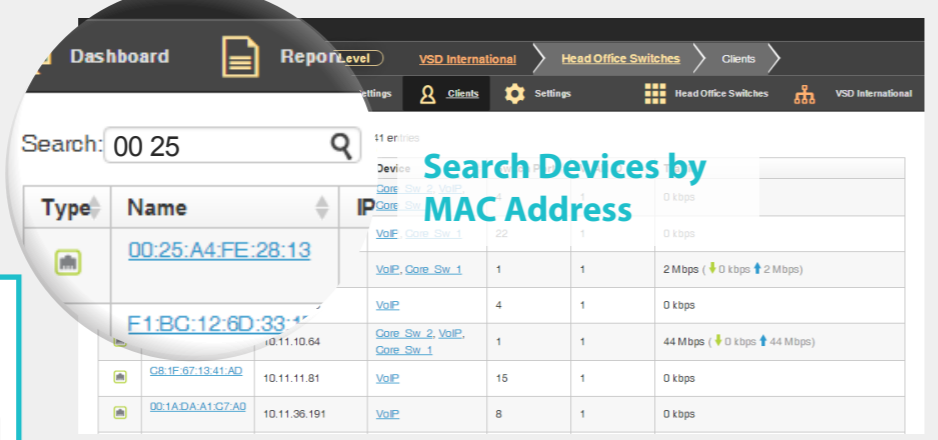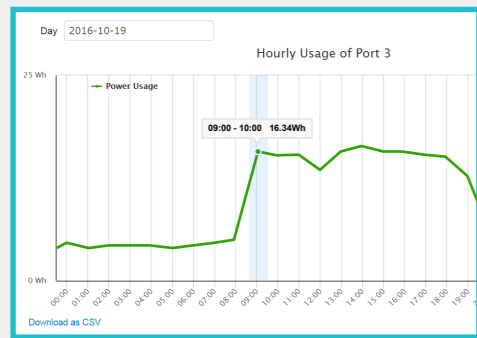
Remotely Configure Ports

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		0 kbps		
		VoIP, Core_Sw_1	1	1	2 Mbps (↓ 0 kbps ↑ 2 Mbps)
	F1:BC:12:6D:33:4?	VoIP	4	1	0 kbps
		Core_Sw_2, VoIP, Core_Sw_1	1	1	44 Mbps (↓ 0 kbps ↑ 44 Mbps)
	C8:1F:67:13:41:AD	10.11.11.81	VoIP	15	1	0 kbps
	00:1A:DA:A1:C7:A0	10.11.36.191	VoIP	8	1	0 kbps

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

Device Details | Reports | Clients | Settings | Switch Group | VSD International

Dashboard > SW-A5   Next >

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
Firmware	1.0.1 build 111
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
	112.308997, 124.150536 Hide

Select Multiple Ports to ...

Save Power with PoE Port Scheduling (Coming Soon)

Cut down your power bill by using our flexible group-based management functionality. Set up schedules for different device types and groups. For example, you can set up some lights to turn on only during working hours.
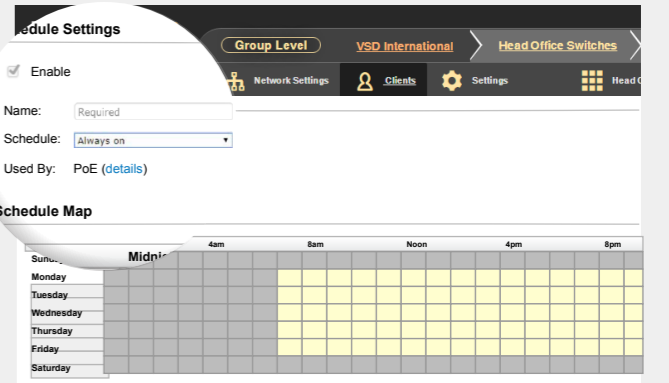
Schedule Overview

InControl² — Group Level — VSD International — Head Office Switches

Dashboard | Reports | Network Settings | Clients | Settings | Head

Device Schedules

☑ Device Schedule Management

Search:

Name	Time	Used By
IP Camera Group 1	Weekdays Only	Group 1, Group 2, Group 3, Floor 1, Floor 2, Floor 3
IP Camera Group 2	8am to 5pm on Weekdays Only	Group 1, Group 2, Group 3, Floor 1, Floor 2, Floor 3
IP Phones	Custom	Floor 1, Floor 2, Floor 3

Add

Devices	Ports
Floor 1 Room 2	1, 10, 13
Floor 1 Room 4	3, 5, 6
Floor 1 Room 6	1, 3, 5, 18, 19
Floor 2 Room 1	7, 8, 16, 21
Floor 2 Room 5	2, 12, 17, 21, 23

See All Affected Ports

Schedule Settings

InControl² — Group Level — VSD International — Head Office Switches

Network Settings | Clients | Settings | Head

☑ Enable

Name: Required

Schedule: Always on

Used By: PoE (details)

Schedule Map

	Midni	4am	8am	Noon	4pm	8pm
Sunday						
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						
Saturday						

Schedule Configuration

Functionality in Progress, Final UI May Differ.