

# Introduction to SonicWall secure Switches

## Description

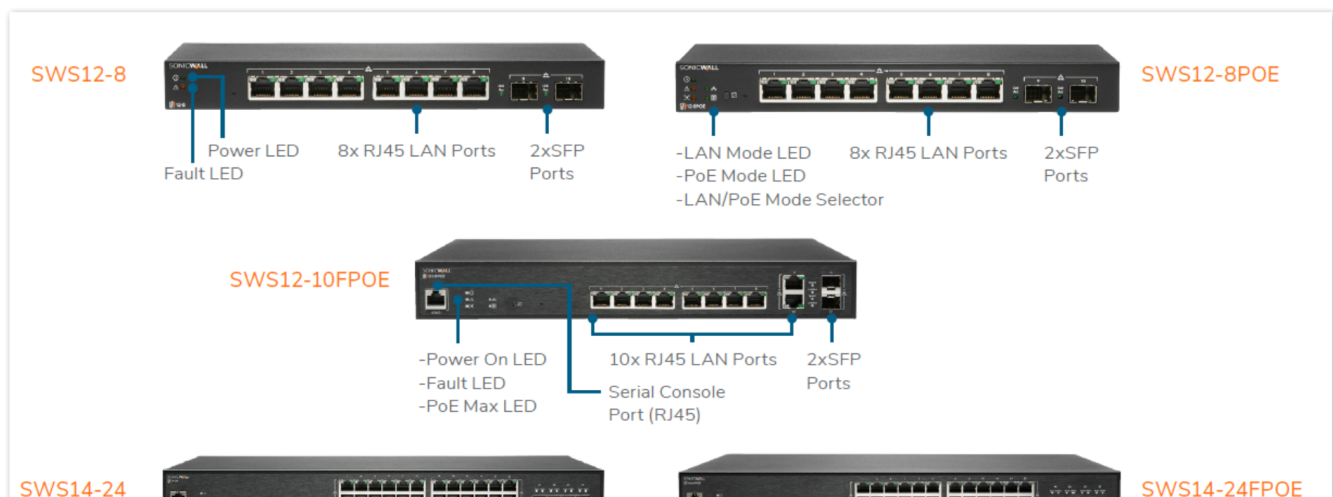
The SonicWall Switches delivers highspeed network switching while providing unparalleled performance and manageability. Its unified security posture, high port density, Power over Ethernet (PoE) options, and multigigabit performance capabilities makes it ideal for small and medium-sized business (SMB), and Software-Defined Branch (SD-Branch) deployments. This enables businesses – big or small, to undergo digital transformation and keep pace with the changing network and security landscape.

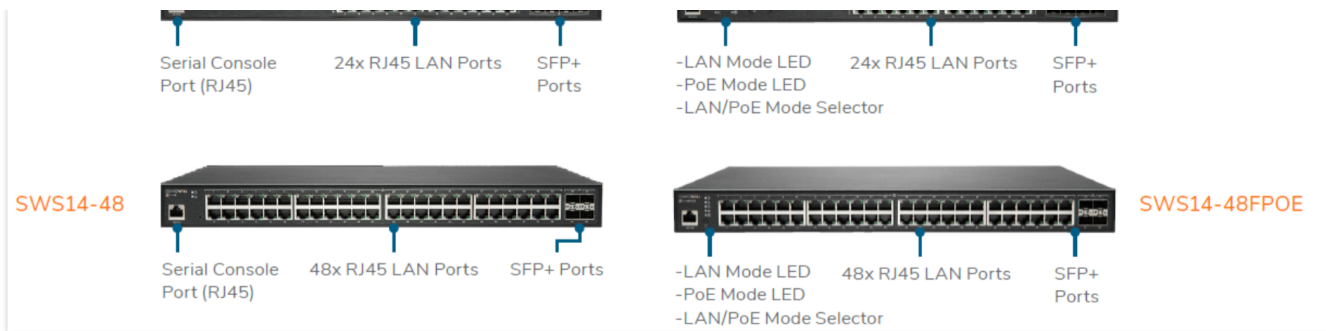
## Resolution

The SonicWall Secure Switches are available in 7 models. It is offered as **8/24/48-port** and full-Power over Ethernet (**full-PoE**)/**PoE/non-PoE** variants. The switch models that include POE in their model name support Power Over Ethernet feature.

The SWS12-8 model name means it has 2 SFP ports and 8 Ethernet Ports. The same naming convention applies to the rest of the model as well.

Model	Number of Gigabit Ethernet Ports	Number of SFP/SFP+ Ports	PoE Version
SWS12-8	8	2 SFP	Non-PoE
SWS12-8POE	8	2 SFP	PoE
SWS12-10FPOE	10	2 SFP	Full PoE
SWS14-24	24	4 SFP+	Non-PoE
SWS14-24FPOE	24	4 SFP+	Full PoE
SWS14-48	48	4 SFP+	Non-PoE
SWS14-48FPOE	48	4 SFP+	Full PoE





## Specifications:

	SWS12-8	SWS12-8POE	SWS12-10FPOE	SWS14-24	SWS14-24FPOE	SWS14-48	SWS14-48FPOE
1GE RJ45	8	8	10	24	24	48	48
SFP	2	2	2	-	-	-	-
10G SFP+	-	-	-	4	4	4	4
DDR3 (MB)	256	256	256	512	512	512	512
Flash (MB)	32	32	32	128	128	128	128
Packet Buf.	512K	512K	512K	1.5M	1.5M	2M	2M
8K	8K	8K	8K	32K	32K	32K	32K
Switching (Gbps)	20	20	24	128	128	176	176
MAC Address	11	11	13	29	29	53	53
Fan	-	-	1	-	2	1	1
PoE Standard	-	802.3af	802.3af/at	-	802.3af/at	-	802.3af/at
PoE Ports	-	8	8	-	24	-	48
PoE Power (Watts)	-	55	130	-	410	-	740
Power Supply	24W Power Adapter	65W Power Adapter	180W Fixed	25W Fixed	480W Fixed	60W Fixed	900W Fixed
Power Source	12VDC Power Adapter	54VDC Power Adapter	100-240VAC 50-60Hz	100-240VAC 50-60Hz	100-240VAC 50-60Hz	100-240VAC 50-60Hz	100-240VAC 50-60Hz

## Benefits of SonicWall Switches

- SD-Branch ready
- Firewall managed
- Zero-Touch Deployment
- Unified security posture
- Layer 2 switching
- Multi-gigabit performance
- 8/24/48-port models
- Various PoE options
- QoS support
- Daisy Chain support
- Segmentation and compliance

Compact form factor

- Energy-efficient design