

Secure Managed Switch Extend secure global WAN management to your LAN

Product Sheet: SD-WAN Secure

Advances in SD-WAN and emerging networking technologies are adding complexity to both the WAN edge and the LAN. Masergy's Secure Managed Switch, powered by Fortinet®, removes LAN security concerns by extending powerful firewall rules to the desktop. Enterprises require outstanding security, performance, and manageability from their Ethernet switches. With our Secure Managed Switch solutions, you extend the advantages of Masergy's global software-defined network into your LAN.

Ideal for high availability enterprise networks, Masergy Secure Managed Switch solutions provide your business with secure Layer 2 switching for your corporate WAN as a turnkey managed service. Combined with the Masergy Secure Device for routing and SD-WAN capabilities, our Secure Managed Switch can be deployed in flexible 24-port and 48-port configurations with Power over Ethernet (PoE) capability to enable simple installation of wireless Access Points and IP phones in your network.

Comprehensive security and visibility

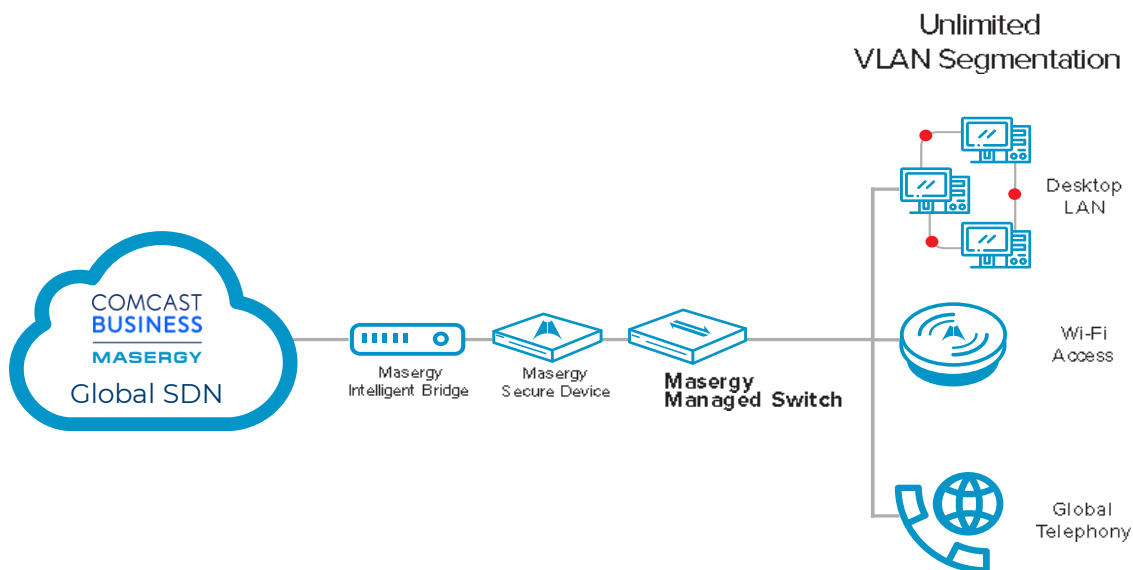
Adding Masergy Secure Managed Switches to your corporate network for decreased complexity and increased visibility. All models of our Secure Managed Switches integrate seamlessly with our global Software Defined Platform to deliver enhanced managed detection and response cybersecurity functions to your LAN. Use our cloud-based Masergy Intelligent Service Control (ISC) customer portal to not only get end-to-end visibility of your IP traffic between your corporate sites and the cloud, but also push firewall policies down to connected devices on your LAN.

Features

- Built-in security with full line-rate Layer 2 switching up to 10 Gbps
- Flexible 24 port or 48 port hardware options powered by Fortinet® and stackable up to 300 switches
- Comprehensive IP traffic visibility with the ability to push firewall policies to all connected devices

Benefits

- Enables voice, data, and wireless traffic to be delivered across a single network
- Centralizes security and access management across the LAN
- Managed, monitored, and supported 24/7 by Masergy engineers in Network Operations Centers around the globe



Secure Managed Switch

Product Sheet: SD-WAN Secure

COMCAST
BUSINESS
MASERGY

Specifications

	24 port 1GE	24 port 1GE with FPOE	48 port 1GE with FPOE
Total Network Interfaces	24x GE RJ45 and 4x GE SFP	24x GE RJ45 and 4x GE SFP	48x GE RJ45 and 4x10 GE SFP+ ports Note: SFP+ ports are compatible with 1 GE SFP
Dedicated Mgmt 10/100 Port	0	0	1
RJ-45 Serial Console Port	1	1	1
Form Factor	1 RU Rack Mount	1 RU Rack Mount	1 RU Rack Mount
Power over Ethernet (PoE) Ports	0	24 (802.3af/at)	48 (802.3af/at)
PoE Power Budget	0	370 W	740 W
Mean Time Between Failures	> 10 years	> 10 years	> 10 years
System Specifications			
Switching Capacity (Duplex)	56 Gbps	56 Gbps	176 Gbps
Packets Per Second (Duplex)	83 Mpps	83 Mpps	262 Mpps
MAC Address Storage	8 K	8 K	16 K
Network Latency	4µs	4µs	< 1µs
VLANs Supported	4 K	4 K	4 K
Link Aggregation Group Size	8	8	8
Total Link Aggregation Groups	8	8	Up to number of ports
Packet Buffers	512 KB	512 KB	1.5 MB
DRAM	256 MB DDR3	256 MB DDR3	1 GB
FLASH	32 MB	32 MB	128 MB
Dimensions			
Height x Depth x Width (inches)	1.7 x 8.2 x 13	1.7 x 12.2 x 17.3	1.73 x 16.1 x 17.3
Height x Depth x Width (mm)	44 x 209 x 330	44 x 309 x 440	44 x 410 x 440
Weight	4.7 lbs (2.13 kg)	11.2 lbs (5.03 kg)	15.45 lbs (7.01 kg)
Environment			
Power Required	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz
Power Supply	AC Built in	AC Built in	AC built in
Redundant Power	—	—	Dual power supplies
Power Consumption (Avg / Max)	15.83 W /17.79 W	387.78 W / 390.45 W	790 W / 792 W
Heat Dissipation	54 BTU/h	60.67 BTU/h	193 BTU/h
Operating Temperature	0–113°F (0–45°C)	0–113°F (0–45°C)	32–122°F (0–50°C)
Storage Temperature	-40–158°F (-40–70°C)	-40–158°F (-40–70°C)	-4–158°F (-20–70°C)
Humidity	10–90% non-condensing	10–90% non-condensing	10–90% non-condensing

Contact Us: USA +1 (866) 588.5885 | UK +44 (0) 207 173 6900 | sales@masergy.com