

# Sophos SD-RED

## Zero-touch edge and branch connectivity

SD-RED offers a uniquely simple solution to extend network connectivity to your remote locations and branch offices – no matter where in the world they are. Replace expensive MPLS connections to reduce your costs and take advantage of other Sophos products, such as Intercept X, for added SD-WAN functionality in combination with XG Firewall.

### Highlights

- ▶ Easily extend your secure network to any location
- ▶ Select from two models to suit your deployment and connectivity needs
- ▶ Use strong AES 256-bit encryption
- ▶ Seamlessly connect with Sophos APX Access Points
- ▶ Benefit from Synchronized SD-WAN with XG Firewall and Sophos Intercept X

### Plug-and-protect deployment

Sophos SD-RED makes extending your secure network to other locations easy. It requires no technical skills at the remote site; simply enter the device ID into your Sophos firewall appliance and ship it. As soon as the device is plugged in and connected to the internet it will contact your firewall and establish a secure dedicated VPN tunnel. It's really that simple.

### Flexible configuration

Set up your SD-RED devices to tunnel all traffic from the remote location back to the firewall, controlling DHCP and other network elements of the remote network. Or, you can choose to only route inter-office network traffic via your SD-RED, while enabling direct internet access from the remote location.

### Securely encrypted, centrally managed

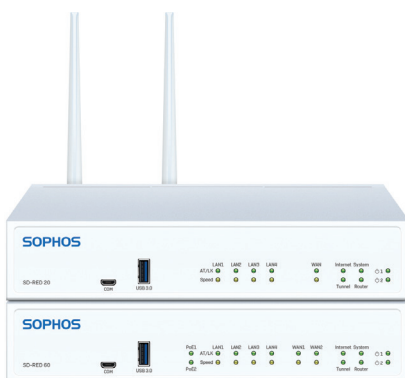
All data between the SD-RED and your Sophos firewall is encrypted using AES-256 levels, ensuring a tamper- and hack-proof, secure connection. With central management from our latest XG and SG Series, protection is completely transparent across your distributed network and can be customized or replicated to suit your needs.

### Synchronized SD-WAN

When managed through XG Firewall, Synchronized SD-WAN allows you to benefit from the power of Synchronized Security and XG Firewall's integration with Sophos Intercept X to optimize WAN path selection for your important business applications with 100% reliability.

### Flexible Wi-Fi and WAN connectivity

Optionally add a Wi-Fi-5 or 3G/4G module to provide connectivity for wireless clients or to use 3G/4G internet connections.



## Choose your RED

Our SD-RED devices are built on the latest enterprise-class, high-speed networking platforms. They work with your Sophos SG UTM/XG Firewall appliance (hardware, software, virtual, or cloud). Our range of Sophos APX Series Access Points are also compatible with Sophos SD-RED for secure, high-speed wireless connectivity.

## Licensing

To use a Sophos SD-RED you will need an active Network Protection subscription for either Sophos SG UTM or Sophos XG Firewall. To use Wi-Fi with SG UTM, you will additionally need a valid UTM Wireless Protection subscription.

## Technical specifications

Model Name	SD-RED 20	SD-RED 60
<b>Product Support Added</b>	SFOS 17.5 MR 11, SFOS 18.0 MR 1, UTM 9.7 MR 3	
<b>Maximum Throughput</b>	250 Mbps	850 Mbps
<b>Physical Interfaces (Built-in)</b>		
<b>LAN Interfaces</b>	4 x 10/100/1000 Base-TX (1 GbE Copper)	
<b>WAN Interfaces</b>	1 x 10/100/1000 Base-TX (shared with SFP)	2 x 10/100/1000 Base-TX (WAN1 shared port with SFP)
<b>SFP Interfaces</b>	1x SFP Fiber (shared port with WAN)	1x SFP Fiber (shared port with WAN1)
<b>Power-over Ethernet Ports</b>	None	2 PoE Ports (total power 30W)
<b>USB Ports</b>	2 x USB 3.0 (front and rear)	
<b>COM Ports</b>	1 x Micro-USB	
<b>Optional Connectivity</b>		
<b>Modular Bay</b>	1 (for use with optional Wi-Fi OR 4G/LTE Card)	
<b>Optional Wi-Fi Module</b>	802.11 a/b/g/n/ac Wave 1 (Wi-Fi 5) dual-band capable 2x2 MIMO 2 antennas	
<b>Optional 3G/4G LTE Module</b>	MC7430/MC7455 Sierra Wireless Card	
<b>Optional VDSL Modem</b>	Optional SFP Modem (support in an upcoming release)	
<b>Physical Specifications</b>		
<b>Dimensions</b>	225 x 44 x 150 (w*h*d) mm 8.86 x 1.73 x 5.91 (w*h*d) inches	225 x 44 x 150 (w*h*d) mm 8.86 x 1.73 x 5.91 (w*h*d) inches
<b>Weight</b>	0.9 kg/1.8 kg (1.98 lbs/3.97 lbs) Unpacked/Packed	1.0 kg/2.2 kg (2.2 lbs/4.85 lbs) Unpacked/Packed
<b>Power Redundancy Support</b>	Yes, optional 2nd power supply	
<b>Power Consumption</b>	Idle: 6.1Watt/20.814 BTU Full Load: 22.6Watt/77.114 BTU	Idle: 11.88 Watt/40.536 BTU Full Load without PoE: 25.33 Watt/86.429 BTU Full Load with PoE: 62.48 Watt/213.190 BTU
<b>Temperature (operational)</b>	0°C to 40°C (32°F to 104°F)	
<b>Temperature (storage)</b>	-20°C to 70°C (-4°F to 158°F)	
<b>Humidity</b>	10-90% RH, non-condensing	
<b>Certifications (Safety, EMC, Radio)</b>	CE/FCC/IC/RCM/VCCI/CB/UL/CCC/KC/ANATEL	

## Try it now for free

Register for a free 30-day evaluation at [Sophos.com/firewall](https://sophos.com/firewall).

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