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SteelConnect

Components include:

- SteelConnect Manager
- SteelConnect Gateway
- SteelConnect Switches
- SteelConnect Access Points

Model Specifications – Physical Appliances: SteelConnect Gateway

Model	SDI-130/SDI-130W	SDI-330	SDI-1030
Use Case	Small branch office or retail	Medium branch office	Large branch office or data center
Recommended # of Users	5-50 users	25-250 users	200-2000 users
Performance	25 Mbps VPN 50 Mbps VPN 100 Mbps VPN	50 Mbps VPN 100 Mbps VPN 200 Mbps VPN	200 Mbps VPN 1 Gbps VPN 2.5 Gbps VPN
Interfaces	2x GbE WAN ports 8x GbE LAN ports 2x WLAN (2.4/5 GHz, 2x2 MIMO, only SDI-130W) 1x USB 2.0 port	2x GbE WAN ports 8x GbE LAN ports 1x USB 2.0 port OLED status display	8x 1 GbE RJ45 ports (LAN or WAN) 4x 10 GbE SFP+ ports 10 GbE Copper, SR or LR SFP+ orderable separately 1x USB 2.0 port 1x RJ45 serial port OLED status display
AC/DC Power	12V/2A DC power adapter (included)	100-240V 50/60Hz AC (built-in)	Dual power supplies (redundant and hot-swappable) 100-240V 50/60Hz AC (built-in)
Power (Watts)	10.8 / 11.4	13.2	80.5
BTU	36.8 / 38.9	45.0	274.7
Physical Design	Industrial design Snapdisc mount Desktop/wall mountable	Industrial design 1U rackmount	1U rackmount
Operating Acoustic Noise (Typical)	N / A (fanless)	N / A (fanless)	Light load: 42 dB Full load: 61 dB
Relative Humidity	10-90% non-condensing for both storage and operating conditions	10-90% non-condensing for both storage and operating conditions N / A (fanless)	10-90% non-condensing for both storage and operating conditions
System Dimensions	32.0 x 23.5 x 4.5 cm (12.6 x 9.3 x 1.8 in)	44.1 x 21.9 x 4.4 cm (17.4 x 8.6 x 1.7 in)	44.1 x 36.5 x 4.5 cm (17.36 x 14.37 x 1.8 in)
System Weight	0.8 kg (1.76 lb)	3 kg (6.61 lb)	6.3 kg (13.76 lb)
Packaged Dimensions	52.4 x 26.8 x 7 cm 20.63 x 10.55 x 2.75 in)	59.9 x 53.3 x 14 cm (23.58 x 20.98 x 5.51 in)	66.6 x 53.3 x 14.0 cm (26.22 x 20.98 x 5.51 in)
Packaged Weight	1.9 kg (4.2 lb)	6.6 kg (14.6 lb)	10.7 kg (23.59 lb)
Temperature Range	Operating: 0-40°C (32-104°F) Storage: -20-60°C (-4-140°F)	Operating: 0-40°C (32-104°F) Storage: -20-60°C (-4-140°F)	Operating: 0-45°C (32-113°F) Storage: -20-60°C (-4-140°F)

Model	SDI-2030	SDI-5030
Use Case	Campus or data center	Campus or data center
Recommended # of Users		Not Applicable
Performance	1 Gbps VPN	5 Gbps VPN[1]
Cluster / High Availability Configuration	1+1 (Active-Active)	Minimum of 3 nodes (2+1) N+K set up N= active nodes K= spare nodes
Interfaces	2x 10 GbE (RJ45) ports 4x 1 GbE (RJ45) ports via IOM Slot 3x USB 2.0 ports 1x VGA port 1x Serial Console port	2x 10 GbE (RJ45) ports 4x 1 GbE (RJ45) ports via IOM Slot 3x USB 2.0 ports 1x VGA port 1x Serial Console port 1x PCIe Slot (optional NICs can be purchased separately)
AC/DC Power	Dual power supplies (redundant and hot-swappable) 100-240V 50/60Hz AC (built-in)	Dual power supplies (redundant and hot-swappable) 100-240V 50/60Hz AC (built-in)
Power (Watts)	225.0	285.0
BTU	767.0	972.5
Physical Design	1U Rackmount	1U Rackmount
Operating Acoustic Noise (Typical)	70 db	70 db
Relative Humidity	50%-90% non-condensing with maximum wet bulb of 28°C	50%-90% non-condensing with maximum wet bulb of 28°C
System Dimensions	71.1 x 43.7 x 4.3 cm (28.0 x 17.3 x 1.7 in)	71.1 x 43.7 x 4.3 cm (28.0 x 17.3 x 1.7 in)
System Weight	14 kg (31 lb)	15 kg (33 lb)
Packaged Dimensions	89.2 x 60.9 x 24.5 cm (35.1 x 24.0 x 9.25 in)	89.2 x 60.9 x 24.5 cm (35.1 x 24.0 x 9.25 in)
Packaged Weight	18 kg (40 lb)	19 kg (42 lb)
Temperature Range	Operating: 0 to 35°C (32 to 95°F) Storage: -40 to 70°C (-40 to 158°F)	Operating: 0 to 35°C (32 to 95°F) Storage: -40 to 70°C (-40 to 158°F)

1.   5 Gbps VPN when using two or more Interfaces

Model Specifications – Virtual: SteelConnect Gateway

Model	SDI-VGW
Use Case	Virtual- and Cloud Environments
Recommended # of Users	5-2500 users
Performance	VGW-001: 25 Mbps VPN VGW-002: 50 Mbps VPN VGW-003: 100 Mbps VPN Hardware requirements: 1 CPU core @ 2.1 GHz (Intel E5-2600v4) 1 GB DRAM and 200 MB storage VGW-004: 200 Mbps VPN Hardware requirements: 2 CPU cores @ 2.1 GHz (Intel E5-2600v4) 2 GB DRAM and 400 MB storage VGW-006: 2.5 Gbps VPN Hardware requirements: 4 CPU cores @ 3.0 GHz or 6 CPU cores @ 2.1 GHz (Intel E5-2600v4) 8 GB DRAM and 2 GB storage Actual performance will vary depending on hypervisor/virtualization and hardware platform design
Interfaces	A min of 2 virtual network interfaces (1x LAN & 1x WAN) is required; up to the max supported by the hypervisor and sufficient interface bandwidth (vnic & host) to support the licensed performance level
Power	N / A
Physical Design	Compatible with VMware, KVM, Hyper-V, Citrix, Virtual Box, Amazon Web Services
Operating Acoustic Noise (Typical)	N / A
Relative Humidity	N / A
System Dimensions	N / A
System Weight	N / A
Packaged Dimensions	N / A
Packaged Weight	N / A
Temperature Range	N / A

Model Specifications: SteelConnect Switch

Model	SDI-S12 POE+	SDI-S24 POE+	SDI-S48 POE+
Use Case	Small branch office or retail	Medium branch office	Medium and large branch
Performance	30 Gbps switching capacity Non-blocking fabric Ultra-low latency	70 Gbps switching capacity Non-blocking fabric Ultra-low latency	130 Gbit/s switching capacity Non-blocking fabric Ultra-low latency
Interfaces	12x GbE PoE+ ports 4x GbE SFP ports	24x GbE PoE+ ports 4x 10 GbE SFP+ ports OLED status display	48x GbE PoE+ ports 4x 10 GbE SFP+ ports 2x QSFP ports (on the rear) Stacking of no more than 3 S48 switches is recommended OLED status display
AC/DC Power	150W PoE Budget 180W built-in power supply 100-240V 50/60Hz AC	270W PoE Budget 300W built-in power supply 100-240V 50/60Hz AC	550W PoE Budget 2x 600W built-in power supply (redundant and hot-swappable) 100-240V 50/60Hz AC
Power (Watts)	12.5	16.7	42.0
BTU	42.7	57.0	143.3
Physical Design	Industrial design Desktop/wall mountable 1U rackmount kit	Industrial design 1U rackmount kit	Industrial design 1U rackmount kit

Model	SDI-S12 POE+	SDI-S24 POE+	SDI-S48 POE+
Operating Acoustic Noise (Typical)	N / A (fanless)	15.3 dB (10% fan duty)	50 dB (50% fan duty)
Relative Humidity	10-90% non-condensing for both storage and operating conditions	10-90% non-condensing for both storage and operating conditions	10-90% non-condensing for both storage and operating conditions
System Dimensions	30.6 x 21.9 x 4.4 cm (12.0 x 8.6 x 1.7 in)	44.1 x 30.5 x 4.4 cm (17.4 x 12.0 x 1.7 in)	44.1 x 45.0 x 4.4 cm (17.4 x 15.9 x 1.7 in)
System Weight	2 kg (4.41 lb)	4.95 kg (10.91 lb)	5.95 kg (13.11 lb)
Packaged Dimensions	59.9 x 53.3 x 14 cm (23.58 x 20.98 x 5.51 in)	59.9 x 53.3 x 14 cm (23.58 x 20.98 x 5.51 in)	66.6 x 53.3 x 14 cm (26.22 x 20.98 x 5.51 in)
Packaged Weight	6.5 kg (14.4 lb)	8.4 kg (18.6 lb)	13.1 kg (28.9 lb)
Temperature Range	Operating: 0-45°C (32-113°F) Storage: -20-60°C (-4-140°F)	Operating: 0-45°C (32 -113°F) Storage: -20 to 60°C (-4-140°F)	Operating: 0-45°C (32-113°F) Storage: -20-60°C (-4-140°F)

Model Specifications: SteelConnect Access Point

Model	SDI-AP5	SDI-AP5r
Radio Specification	1x 802.11 g/n radio on 2.4 GHz 1x 802.11 a/n/ac radio on 5 GHz 1750 Mbps max rate 3x3 MIMO with 3 spatial streams Internal 3D sectorized antenna array 3x 4 dBi on 2.4 GHz 3x 5 dBi on 5.0 GHz	1x 802.11 g/n radio on 2.4 GHz 1x 802.11 a/n/ac radio on 5 GHz 1750 Mbps max rate 3x3 MIMO with 3 spatial streams Omni-directional antennas (N-Type) 3x 5 dBi on 2.4 GHz 3x 7 dBi on 5 GHz
Interface	1x GbE port	2x GbE ports
AC/DC Power	802.3 at Power-over-Ethernet 12V/2A DC power adapter (optional)	802.3 at Power-over-Ethernet 24W PoE Injector (optional)
Power (Watts) with Power Adapter	15.0	N / A
BTU with Power Adapter	51.2	N / A
Power (Watts) PoE	19.0	36.0
BTU PoE	64.8	122.8
Physical Design	Industrial design Snapdisc mount Desktop/wall/ceiling mountable	Industrial design Wall pole mountable IP68-rated waterproof housing
Operating Acoustic Noise (Typical)	N / A (fanless)	N / A (fanless)
Relative Humidity	10-90% non-condensing for both storage and operating conditions	10-90% non-condensing for both storage and operating conditions
System Dimensions	18.9 x 21.0 x 4.5 cm (7.44 x 8.26 x 1.77 in)	28.5 x 21.8 x 5.3 cm (11.22 x 8.58 x 2.10 in)
System Weight	0.9 kg (2.0 lb)	4 kg (8.8 lb)
Packaged Dimensions	26.0 x 26.0 x 6.5 cm (10.24 x 10.24 x 2.56 in)	39.0 x 26.0 13.0 cm (15.35 x 10.24 x 5.12 in)
Packaged Weight	1.04 kg (2.3 lb)	4.2 kg (9.2 lb)
Temperature Range	Operating: 0-40°C (32-104°F) Storage: -20-60°C (-4-140°F)	Operating: -20-70°C (-4-158°F) Storage: -30-80°C (-22-176°F)

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