

Specifications

SonicPoint

Hardware

Dimensions	9.07(L) x 6.63(W) x 1.63(H) in 23.03(L) x 16.84(W) x 4.14(H) cm
Weight	1.2 lbs (0.55 Kg)
Power	12 V
Antenna	2 dual band 5dBi omni-directional diversity antennas
Status Indicators	6 LEDs: power, 802.11b/g, 802.11a, LAN (10/100/link)
Wired Network Ports	1 10/100 auto-sensing RJ-45 port for Ethernet and Power over Ethernet (PoE) 1 serial console port
Mechanical	Wall or ceiling mount kit

Recommended Managed Units (Requires SonicOS Enhanced 2.5 or greater)

Security appliance	Per WLAN interface	Per appliance
TZ 170 Series	2 SonicPoints	2 SonicPoints
PRO 2040	8 SonicPoints	8 SonicPoints
PRO 3060	8 SonicPoints	16 SonicPoints
PRO 4060	16 SonicPoints	32 SonicPoints
PRO 5060	32 SonicPoints	128 SonicPoints

Standards

Compliance	IEEE 802.11a/b/g, 802.11d, 802.3af, WPA, TKIP, AES
Regulatory	FCC/ICES Class B, CE, C-Tick, VCCI Class B, BSMI Class B, MIC, NOM, CCC
Safety	UL, cUL, TUV-GS, CB

Environment

Temperature Range	32° to 104°F, 0 to 40°C
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Radio Specifications

Frequency Band	
802.11a:	5.15-5.25 GHz, 5.25-5.35 GHz, 5.725-5.825 GHz
802.11b/g:	2.412 - 2.462 GHz (US) 2.412 - 2.484 GHz (Japan) 2.412 - 2.472 GHz (Europe ETSI) 2.457 - 2.462 GHz (Spain) 2.457 - 2.472 GHz (France)

Operating Channel

802.11a:	US & Canada: 12 channels (FCC) Europe: 11, Japan: 4, Singapore: 4, Taiwan: 4
802.11b/g:	US & Canada: 1-11 channels (FCC) Europe: 1-13 (ETSI), Japan: 14, Spain: 2, France: 4
DFS:	Dynamic frequency selection supported
Transmit Output:	Power based on the regulatory domain specified by the system administrator
TPC:	Transmit power control supported

Data Rates Supported

802.11a:	6, 9, 12, 18, 24, 36, 48, 54, 108* Mbps per channel
802.11b:	1, 2, 5.5, 11 Mbps per channel
802.11g:	6, 9, 12, 18, 24, 36, 48, 54, 108* Mbps per channel

Modulation Technology

802.11a:	Orthogonal Frequency Division Multiplexing (OFDM) BPSK, QPSK, 1-QAM, 64-QAM
802.11b:	Direct Sequence Spread Spectrum (DSSS) CCK, BPSK, QPSK
802.11g:	Orthogonal Frequency Division Multiplexing (OFDM) CCK, BPSK, QPSK, 16-QAM, 64-QAM

Security

Data Encryption	WPA, 64/128/152-bit WEP, TKIP, AES, 802.11i ready
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SONICWALL VALUE-ADDED SECURITY SERVICES

SonicWALL Internet security appliances integrate seamlessly with an expanding array of value-added security services to provide a comprehensive security solution. Enforced anti-virus, content filtering, and intrusion prevention can be enforced over the WLAN.

For more information on SonicWALL security services, including enforced anti-virus and content filtering, please visit our Web site at <http://www.sonicwall.com/products/vpnsoft.html>

SonicWALL, Inc.

1143 Borregas Avenue
Sunnyvale CA 94089-1306
T +1 408.745.9600
F +1 408.745.9300

PoE Injector

Hardware

Dimensions	1.75(L) x 4.17(W) x 5.50(H) in 118(L) x 54(W) x 6.3(H) mm
Weight	1.0 lbs (450 g)
Power Over LAN Output	3.3 V to 5 V
Connectors	Shielded RJ-45, EIA 568A and 568B
Number of Ports	2: (1) data in, (1) data and power out
Status Indicators	System indicator, AC power (green) User indicator, channel power active (green)
Data Rates	10/100 Mbps

Power Over LAN Output

Pin Assignment/Polarity	4/5 (+), 7/8 (-)
Output Power	-48 VDC

Voltage

User Port Power	15.4 W minimum
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Input Power Requirements

AC Input Voltage	90 to 264 VAC
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Standards

Regulatory	CE
Electromagnetic Emission and Immunity	FCC Part 15, Class B, EN55022 Class B (emissions)
Safety	UL 1950, CSA C22.2 No. 950

Environment

Temperature Range	32° to 104°F, 0 to 40°C
Thermal Rating	127.5 BTU (-48 VDC)

Long Range Dual Band Wireless Card

Hardware

Dimensions	4.65(L) x 2.13(W) x .30(H) in 118(L) x 54(W) x 6.3(H) mm
Weight	1.4 oz (40 g)
Power	3.3 V
Antenna	Integrated, with built-in diversity
Status Indicators	RF link activity
System Interface	32-bit CardBus PC card standard, V7.1 Type II

Network

Drivers	Windows 98SE/ME/2000/XP
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Standards

Regulatory	FCC Part 15/UL, ETSI 300/328/CE
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Environment

Temperature Range	32° to 104°F, 0 to 40°C
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Security

Data Encryption	WPA, 64/128/152-bit WEP, TKIP, AES, 802.11i ready
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Radio Specifications

Frequency Band	
802.11a:	5.15-5.25 GHz, 5.25-5.35 GHz, 5.725-5.825 GHz
802.11b/g:	2.412 - 2.462 GHz (US), 2.412 - 2.484 GHz (Japan), 2.412 - 2.472 GHz (Europe ETSI), 2.457 - 2.462 GHz (Spain), 2.457 - 2.472 GHz (France)

Transmit Output

802.11a:	Up to 18 dBm
802.11g:	Up to 20 dBm
802.11b:	Up to 20 dBm

Data Rates Supported

802.11a:	6, 9, 12, 18, 24, 36, 48, 54, 72, 96 & 108 Mbps per channel
802.11b:	1, 2, 5.5, 11 Mbps per channel
802.11g:	6, 9, 12, 18, 24, 36, 48, 54, 72, 96 & 108 Mbps per channel

Modulation Technology

802.11a/g:	Orthogonal Frequency Division Multiplexing (OFDM) BPSK, QPSK, 1-QAM, 64-QAM
802.11b:	Direct Sequence Spread Spectrum (DSSS) CCK, BPSK, QPSK



SonicPoint

SonicPoint (N. America)
01-SSC-5522

SonicPoint (International)
01-SSC-5523

SonicPoint (Japan)
01-SSC-5524



PoE Injector

SonicWALL PoE Injector (N. America)
01-SSC-5531

SonicWALL PoE Injector
(International including Japan)
01-SSC-5532



Long Range Dual Band Wireless Card

Long Range Dual Band Wireless Card
(N. America)
01-SSC-5515

Long Range Dual Band Wireless Card
(International)
01-SSC-5514

*Requires SonicWALL Long Range Dual Band Wireless Card