

SX-10WAG 802.11a/g/b Wireless Mini PCI Module



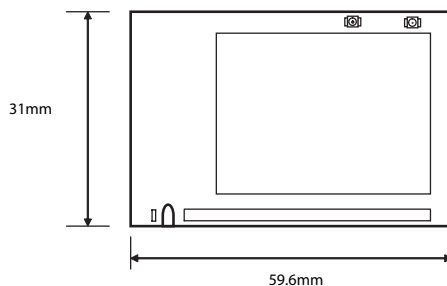
For Reliable Embedded Wi-Fi Connectivity

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Key Features:

- Compliant to:
 - 802.11a: 5.170 to 5.835 GHz center frequency (FCC UNII 1/2/3, ETSI, J52)
 - 802.11g/b: 2.412 to 2.484 GHz center frequency (ch. 1-13/14)
- Data transfer speed of up to 54Mbps (theoretical figure when using 11a/g mode)
- Uses highly reliable Atheros AR5414 chipset
- Supports Atheros Super AG
- Meets a wide range of global regulatory certifications / standards
 - ARIB STD-T66
 - ARIB STD-T71
 - RCR STD-33
 - EU Directive R&TTE (EN300 328, EN60950, EN301 893)
 - EU Directive RoHS
 - FCC Part 15 Subpart C
 - IC RSS210
- Compliant to Mini PCI Type III I/F
- Designed by silex and manufactured at Silex's ISO 9001/2000 facility
- Certified for wireless standards in major countries: Japan, US, Canada, EU (Limited modular certification in U.S. and Canada)
- Includes antenna (2.5dBi with 802.11a or 1.5dBi with 802.11b/g) and supports diversity antenna configurations

Dimensions:



Silex embedded technology:

Silex Technology is a 30-year developer of external and embedded device-device connectivity products. silex has become the world's #1 supplier of embedded wired and wireless connectivity products over the past 10 years, helping global OEMs improve the way they move information. Silex advantages for OEMs include a U.S.-based support team, industry-leading software solutions like our NSS security suite, and exceptional Japanese quality manufacturing.

Specifications:

Product Name	SX-10WAG 802.11a/b/g Mini PCI wireless LAN module	
Chipset	Atheros Communications AR5414A-001	
Antenna Connector	U.FL connector x Diversity antenna	
Operating Voltage	3.3V ± 0.3V	
Radio Output	11a (14dBm), 11b (16dBm), 11g (ch 1: 13dBm; ch 2: 16dBm; ch 3-4: 15.5dBm; ch 5-10: 15dBm; ch 11-13: 14dBm)	
Power Consumption	500mA max	
Weight	9g	
Dimensions	31 x 59.6 x 4mm	Thickness of PCB 1.0mm
Storage Conditions	Storage Temperature -10 to +80°C	Storage Humidity 5 to 90%RH
Operating Conditions	Operating Temperature 0 to +70°C	Operating Humidity 20 to 90%RH
Package contents	Module, certification label, E/A label	

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