SX-10WAG

802.11a/g/b Wireless mini-PCI-Module

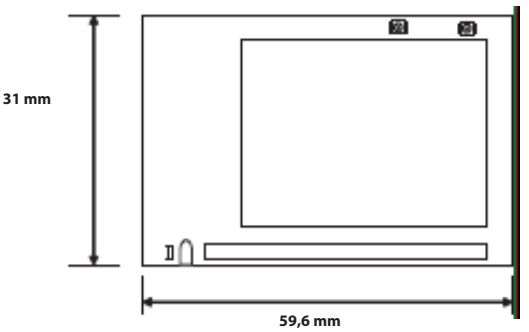
For Reliable Embedded Wi-Fi Connectivity

Experience the Quality Global OEMs Trust

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 facts

SILEX TECHNOLOGY is a 30-year developer of external and embedded device-device connectivity products. SILEX has become the worldís #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 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 miniPCI Wireless LAN module
Chipset	Atheros Communications AR5414A-001
Antenna Connector	U-FL connetor x Diversity antenna
Operating Voltage	3.3V+/-0.3V
Radio Output	11a (14dBm), 11 b (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	9 g
Dimensions	31 x 59,6 x 4 mm Thickness of PCB: 1,0 mm
Temperature	Storage: -10 to + 80 °C Operating: 0 to + 70 °C
Relative Humidity	Storage: 5 to 90 % RH Operating: 20 to 90 % RH
Package contents	Module, certification label, E/A label

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