

# SX-10WAG-IT Users Manual

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## 1. Hardware specifications/Compliance

US

FCC ID: ZY5-SX10WAGIT

### NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands wrist, wrists, feet and legs).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

### FCC WARNING □

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada

IC: 9889A-SX10WAGIT

This device complies with RSS-Gen of the IC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Regulations.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding.

This device has been designed to operate with an antenna having a maximum gain of 2dB. Antennas having a higher gain are strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms..

To reduce potential radio interference to others, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than required for successful communication.

Operating environment	:	Temperature : +0 °C to +70 °C,+32F to +140F Humidity : 20%to 90%
Storage environment	:	Temperature : -20 °C to +80 °C,+14F to +158F Humidity : 5%to 90%
supply voltage	:	3.3V $\pm$ 0..3V
Host I/F	:	mini PCI signal alternative original I/F
IEEE802.11b	:	Frequency: 2412MHz~2462MHz Transmission system : DS-SS Transmission speed : 1M/2M/5.5M/11M Automatic detection Channel : 1 – 11ch
IEEE802.11g	:	Frequency: 2412MHz~2462MHz Transmission system : OFDM Transmission speed : 6M/12M/18M/36M/48M/54M Automatic detection Channel : 1 – 11ch
Antenna interface	:	Diversity connector

## 2. System Requirements (for the install)

PC containing:

- 32-bit CardBus slot (or Desktop PC with PC Card-PCI adapter)
- miniPCI signal alternative original connector
- 32 MB memory or greater
- 300 MHz processor or higher

When this module is installed in the host product, you must include a "Contain FCC ID :ZY5-SX10WAGIT" in the label of the host product.

## 3. Setup

It uses Driver and a utility of Atheros Communications. (Atheros client utility)  
It completes installation according to setup Wizard