



Excellence in Compliance Testing

Certification Exhibit

**FCC ID: VRA-SG9011028
IC: 7420A-SG9011028**

**FCC Rule Part: 15.247
IC Radio Standards Specification: RSS-210**

ACS Report Number: JA-2447 - 15C

**Manufacturer: Sagrad Inc.
Model: SG901-1028**

Manual



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Installation / Users Manual

For:
802.11 B/G WiFi Module
Model SG901-1028

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FCC NOTICE

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.



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Product Description

You have purchased an 802.11 B/G module. This module is designed to be used with different types of processors (Blackfin, Samsung, etc) and in different types of applications (medical, industrial, etc).

For information on how to integrate the SW and Hardware for this module into the final product please contact Sagrad Inc.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 4.9 dBi. Antennas not included in this list or having a gain greater than 4.9 dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Warning: This device must be used with the following approved antennas:

1. MFG: PCTEL Antennas Part#: MLPV2400NGP
2. MFG: Pulse Antennas Part#: W1037
3. MFG: Pulse Antennas Part#: W1038
4. MFG: Beijing Evercommunication Technology Part#: 13018-1

NOTE: 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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.



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Limited Warranty

Sagrad Inc. ("Sagrad") warrants this Product (including any accessories) against defects in material or workmanship as follows:

- **LABOR:** For the period of one (1) year from the date of purchase, if this product is determined to be defective, **Sagrad** will repair or replace the Product, as its option, at no charge, or pay labor charges to any **Sagrad** authorized service facility. After the warranty Period, the customer is liable for all labor charges.
- **PARTS:** In addition, **Sagrad** will supply, at no charge, new or rebuilt replacements in exchange for defective parts for the period of one (1) year. After the warranty period, the customer is liable for all parts.
- **ACCESSORIES:** Parts and Labor for all accessories are for the period of one (1) year.

Limitations to this limited warranty:

1. This warranty extends to the original consumer purchaser only and is not assignable or transferable.
2. This warranty shall not apply to any Product which has been subjected to misuse, abuse, abnormal use, negligence, alteration or accident, or has its serial number altered or removed.
3. This warranty does not apply when the user has disregarded instructions for installation and use of the product.
4. This warranty does not apply to water or liquid damage of any kind.
5. This warranty does not apply to any defects or damage directly or indirectly caused by or resulting from the use of unauthorized replacement parts and/or service performed by unauthorized personnel.
6. This warranty does not apply to the instruction manual.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER OBLIGATIONS ON THE PART OF **SAGRAD, INC.** PROVIDED, HOWEVER, THAT IF THE DISCLAIMER OF IMPLIED WARRANTIES IS INEFFECTIVE UNDER APPLICABLE LAW, THE DURATION OF ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW SHALL BE LIMITED TO ONEE (1) YEAR FROM THE DATE OF PURCHASE OR SUCH LONGER PERIOD AS MAY BE REQUIRED BY APPLICABLE LAW.

SAGRAD, INC. HEREBY DISCLAIMS ANY AND ALL LIABILITY FOR CONSEQUENTIAL AND INCIDENTAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH ANY BREACH OF THIS WARRANTY OR ANY OTHER CLAIM WITH RESPECT TO THIS PRODUCT, INCLUDING BUT NOT LIMITED TO, CLAIMS OF NEGLIGENCE, STRICT LIABILITY IN TORT OR BREACH OF CONTRACT.

SOME STATES DO NOT ALLOW (A) LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR (B) THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

To obtain warranty service, the customer must request authorization for return to:

Sagrad, Inc.
Customer Service
4325 Woodland Park Drive, Suite 101
W. Melbourne, FL 32904
(321) 956-5496

Between the hours of 8:00 AM EST to 5:00 PM EST Monday thru Friday

(Only products with pre-approved return authorization numbers will be accepted under this limited warranty agreement.)

THIS WARRANTY FORM MAY NOT BE REPRODUCED OR COPIED AND WILL BE VALID ONLY WITH AUTHENTIC PRODUCTS SOLD BY **SAGRAD, INC.**
10-17-2007

The information in this document may be changed or updated without notice.