

SAFETY, REGULATORY, AND WARRANTY GUIDE

CRADLEPOINT R2105-5GB
CRADLEPOINT R2155-5GB

MODEL: SSA237A
MODEL: SSA237A

This important Safety, Regulatory, and Warranty Guide contains safety, handling, disposal, regulatory, trademark, copyright, and software licensing information.
Read all safety information below and operating instructions before using the device to avoid injury.

THIS DEVICE REQUIRES PROFESSIONAL INSTALLATION

FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT

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 of the following measures:

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

FCC CAUTION

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

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 STATEMENT

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

This device meets all the other requirements specified in Part 15E, section 15.407 of the FCC Rules

FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 44 cm between the radiator and your body.

This device and its antennas(S) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA STATEMENT

This device complies with ISED's license-exempt RSS standards. 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.

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

INDUSTRY CANADA RADIATION EXPOSURE STATEMENT

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 26 cm between the radiator and your body.

This device and its antennas(S) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

DECLARATION D'INNOVATION, SCIENCES ET DEVELOPPEMENT ECONOMIQUE CANADA

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.
Avertissement:

Le guide d'utilisation des dispositifs peut inclure des instructions précises sur les restrictions susmentionnées, notamment :

NOTE IMPORTANTE (Pour l'utilisation DE DISPOSITIFS MOBILES): DECLARATION D'EXPOSITION AUX RADIATIONS

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 26 cm de distance entre la source de rayonnement et votre corps.

Cet appareil et son antenne(s) ne doit pas être co-localisés ou fonctionner en association avec une autre antenne ou transmetteur.

INFORMATION FOR EUROPE, DECLARATION OF COMPLIANCE

Cradlepoint, Inc. 1111 W Jefferson St. Boise, ID 83702 USA

EU Authorized Representative: Jan Wilke, Area Director Central Europe, Cradlepoint EMEA, Beim Riesensteil 21, 22393 Hamburg, Germany

EU Importer: Cradlepoint B.V. Verlegde Poosweg 16, 4818 CL Breda The Netherlands



Hereby, Cradlepoint Inc. declares that this equipment is in compliance with the Radio Equipment Directive 2014/53/EU (SSA237A), and RoHS2 Directive 2011/65/EU with Amendment 2015/863/EU.

The full text of the EU declaration of conformity is available at the following internet address: Cradlepoint.com/product-certifications

RF EXPOSURE STATEMENT

To comply with RF Exposure requirements, this equipment should be installed and operated with minimum distance of 20 cm between the radiating device and your body.

RESTRICTIONS ON USE <for 5 GHz WIFI only>

BE	BG	CZ	DK	DE	EE	IE
EL	ES	FR	HR	IT	CY	LV
LT	LU	HU	MT	NL	AT	PL
PT	RO	SI	SK	FI	SE	UK(NI)

This device may only be used as a client device in the 5470-5725 MHz band.

ACCESSORIES IMPACTING COMPLIANCE

To maintain compliance with EMC, Radio, and RF Exposure requirements, use only Cradlepoint accessories intended for use with this product. All Cradlepoint accessories intended for use with this product will maintain EMC, Radio, and RF Exposure compliance when installed according to instructions.

RECYCLING AND ENVIRONMENTAL INFORMATION

To find information on Cradlepoint's commitment to our environment and how to responsibly recycle or recover Cradlepoint products at the end of their useful life, please visit Cradlepoint.com/international.

FREQUENCIES USED AND MAXIMUM POWER OUTPUT IN THE EU, UK

The Cradlepoint S2100 series

S2105-5GB, S2155-5GB, Model SSA237A

2412-2472MHz:	19.97 dBm
5470-5725MHz:	22.69 dBm
LTE Band 1 (1920-1980 MHz)	25.70 dBm
LTE Band 3 (1710-1785 MHz)	25.70 dBm
LTE Band 7 (2500-2570 MHz)	25.70 dBm
LTE Band 8 (880-915 MHz)	25.70 dBm
LTE Band 20 (832-862 MHz)	25.70 dBm
LTE Band 28 (103-748 MHz)	25.70 dBm
LTE Band 34 (2010-2050 MHz)	25.70 dBm
LTE Band 38 (2580-2620 MHz)	25.70 dBm
LTE Band 42 (2300-2400 MHz)	25.70 dBm
LTE Band 43 (2400-3600 MHz)	25.70 dBm
WCDMA Band 1 (1920-1980 MHz)	26.70 dBm
WCDMA Band 8 (880-915 MHz)	26.70 dBm
NR N1(1920-1980 MHz)	25.70 dBm
NR N3(1710-1785 MHz)	25.70 dBm
NR N7(2500-2570 MHz)	25.70 dBm
NR N8(880-915 MHz)	25.70 dBm
NR N20(832-862 MHz)	25.70 dBm
NR N28(703-748 MHz)	25.70 dBm
NR N38(2570-2620 MHz)	25.70 dBm
NR N40(2430-2400 MHz)	25.70 dBm
NR N77(3300-4200 MHz)	25.70 dBm
NR N78(3300-3800 MHz)	25.70 dBm

RF EXPOSURE STATEMENT FOR AUSTRALIA

To comply with RF Exposure requirements, this equipment should be installed and operated to ensure a minimum distance of 20 cm between the radiating devices (antennas) and human bodies.

INFORMATION FOR UK

UK Responsible Person: James Bristow, Senior Vice President, EMEA, Cradlepoint UK Ltd. Cedar House, Apex Court, Camp Hill Road, West Byfleet, Surrey, KT14 6SU United Kingdom

UK Importer: Cradlepoint UK Ltd. Cedar House, Apex Court, Camp Hill Road, West Byfleet, Surrey, KT14 6SU United Kingdom



Hereby, Cradlepoint Inc. declares that this equipment is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address: Cradlepoint.com/product-certifications

SAFETY AND HAZARDS

Warning: This product is only to be installed by qualified personnel.

This device must be powered from a power source which has been certified by the appropriate agencies, or by an approved UL Listed ITE AC power adapter with electrical ratings: 12-24Vdc, min 2A, with a recommended ambient temperature greater than 70 degrees C, and altitude during operation <5000m.

For safe vehicle installations, the device must be professionally installed inside the passenger compartment. The GPO accessory cable must be connected to a fused circuit in the vehicle. For the R2100, this fused circuit requires a 3A fuse. For North America, a UL Listed fuse is to be used.

The unit and all interconnected equipment must be installed indoors within the same building, including all POE powered network connections as described by Environment A of the IEEE 802.3af/at standard.

Under no circumstances should the device be used in any areas

- (a) where blasting is in progress,
- (b) where explosive atmospheres may be present, or
- (c) that are near (i) medical or life support equipment, or (ii) any equipment which may be susceptible to any form of radio interference.

In such areas, the device MUST BE POWERED OFF AT ALL TIMES (since the device otherwise could transmit signals that might interfere with such equipment).

Due to the nature of wireless communications, transmission and reception of data by the device can never be guaranteed, and it is possible that data communicated or transmitted wirelessly may be delayed, corrupted (i.e., contain errors), or totally lost. The device is not intended for, and Cradlepoint recommends the device not be used in any critical applications where failure to transmit or receive data could result in property damage or loss or personal injury of any kind (including death) to the user or to any other party. Cradlepoint expressly disclaims liability for damages of any kind resulting from: (a) delays, errors, or losses of any data transmitted or received using the device; or (b) any failure of the device to transmit or receive such data.

Purchaser agrees to indemnify Cradlepoint against any liability or damages caused to third parties as a result of Purchaser's misuse or misapplication of the Cradlepoint product.

SECURITE ET DANGERS

Avertissement: ce produit ne doit être installé que par du personnel qualifié.

Cet appareil doit être alimenté par une source d'alimentation qui a été certifiée par les agences appropriées, ou par un adaptateur d'alimentation CA ITE homologué UL avec des valeurs électriques: 12Vdc, min 2A, avec une température ambiante recommandée supérieure à 70 degrés C et une altitude pendant le fonctionnement de 5000 m..

Pour une installation sûre du véhicule, l'appareil doit être installé de manière professionnelle à l'intérieur de l'habitacle. Le câble accessoire d'alimentation (12 Vcc) et GPIO doit être connecté à un circuit à fusible dans le véhicule. Pour le R2100, ce circuit à fusible nécessite un fusible de 3A. Pour l'Amérique du Nord, un fusible homologué UL doit être utilisé.

L'unité et tous les équipements interconnectés doivent être installés à l'intérieur du même bâtiment, y compris toutes les connexions réseau alimentées par PoE comme décrit par Environment A de la norme IEEE 802.3af / at.

En aucun cas, l'appareil ne doit être utilisé dans des zones

- a) lorsque le dynamitage est en cours,
 - b) où des atmosphères explosives peuvent être présentes, ou
 - (c) qui sont à proximité (i) d'un équipement médical ou de survie, ou (ii) de tout équipement susceptible d'être sensible à toute forme d'interférence radio.
- Dans de telles zones, l'appareil DOIT ÊTRE ÉTEINT EN TOUT TEMPS car sinon l'appareil pourrait transmettre des signaux qui pourraient interférer avec un tel équipement.

L'appareil n'est pas conçu pour, et Cradlepoint recommande que l'appareil ne soit pas utilisé dans des applications critiques ou le défaut de transmission ou de réception de données pourrait entraîner des dommages matériels ou des pertes ou des blessures de toute nature (y compris la mort) à l'utilisateur ou à tout autre faire la fête. Cradlepoint décline expressément toute responsabilité pour les dommages de toute nature résultant de: (a) retards, erreurs ou pertes de toute donnée transmise ou reçue à l'aide de l'appareil; ou (b) tout échec de l'appareil à transmettre ou recevoir de telles données.

L'acheteur accepte d'indemniser Cradlepoint contre toute responsabilité ou tout dommage causé à des tiers suite à une mauvaise utilisation ou une mauvaise application du produit Cradlepoint par l'acheteur.

OPEN SOURCE SOFTWARE

This product contains software distributed under one or more of the following open source licenses: GNU General Public License Version 2, BSD License, Net-SMP License, and PSF License Agreement for Python 3.3. For more information on this software, including licensing terms and your rights to access source code, contact Cradlepoint.com/opensource.

HARDWARE WARRANTY INFORMATION

Cradlepoint, Inc. warrants this hardware product against defects in materials and workmanship to the original purchaser for a period of three (3) years from the date of shipment. This warranty is limited to a repair or replacement of the hardware product, at Cradlepoint's discretion, as purchaser's sole and exclusive remedy. If this hardware product was procured as a component of a NetCloud Solution Package, additional warranty may be available. Please see Cradlepoint's website for details. Cradlepoint does not warrant that the operation of the product will meet your requirements or be error free. CRADLEPOINT MAKES NO OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED. CRADLEPOINT SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE OR NON-INFRINGEMENT.

LIMITATION OF CRADLEPOINT LIABILITY

The information contained in this Safety, Regulatory, and Warranty Guide is subject to change without notice and does not represent any commitment on the part of Cradlepoint or its affiliates. CRADLEPOINT AND ITS AFFILIATES HEREBY SPECIFICALLY DISCLAIM LIABILITY FOR ANY AND ALL: (A) DIRECT, INDIRECT, SPECIAL, GENERAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING WITHOUT LIMITATION FOR LOSS OF PROFITS OR REVENUE OR OF ANTICIPATED PROFITS OR REVENUE ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF CRADLEPOINT AND/OR ITS AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND EVEN IF SUCH DAMAGES ARE FORESEEABLE; OR (B) CLAIMS BY ANY THIRD PARTY. NOTWITHSTANDING THE FOREGOING, IN NO EVENT SHALL THE AGGREGATE LIABILITY OF CRADLEPOINT AND/OR ITS AFFILIATES ARISING UNDER OR IN CONNECTION WITH THE PRODUCT, REGARDLESS OF THE NUMBER OF EVENTS, OCCURRENCES, OR CLAIMS GIVING RISE TO LIABILITY, EXCEED THE PRICE PAID BY THE ORIGINAL PURCHASER OF THE PRODUCT. THE LIMITATIONS OF LIABILITY SET FORTH HEREIN SHALL REMAIN IN FULL FORCE AND EFFECT REGARDLESS OF WHETHER THE REMEDIES HEREUNDER ARE DETERMINED TO HAVE FAILED OF THEIR ESSENTIAL PURPOSE.

PRIVACY

Cradlepoint may collect general data pertaining to the use of Cradlepoint products via your Internet connection (wired and/or wireless) such as device ID/serial number, network status, IP address, MAC address, operating system, browser type and version number, etc., in order to provide you with better services, enhance user experience, and improve performance.

OTHER BINDING DOCUMENTS: TRADEMARKS: COPYRIGHT

By activating or using your R2105 or R2155 device, you agree to be bound by Cradlepoint's Terms of Use, User License and other applicable Legal Policies.
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ROUTER COMMUNICATION/DATA USAGE

The factory default configuration of the router is set to communicate with Cradlepoint and other resources at regular intervals to access the latest firmware and modem updates, clock synchronization (NTP), and NetCloud Manager (NCM) membership. Such communication may result in data usage and applicable charges regardless of whether the router uses a wired or wireless Internet connection. To avoid such data usage and potential charges, consult the following Knowledge Base article:
<http://knowledgebase.cradlepoint.com/articles/support/router-communication-data-usage>

INFORMACIÓN PARA MÉXICO

IFT (México): La operación de este equipo esta sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

INFORMACIÓN DE GARANTÍA DEL EQUIPO

Marca: Cradlepoint

Cradlepoint, Inc. garantiza este equipo contra defectos en materiales y mano de obra al comprador original durante un periodo de tres (3) años a partir de la Fecha de envío incluyendo los gastos de transporte del producto. Esta garantía se limita a una reparación o reemplazo del equipo y las piezas y componentes del producto, a discreción de Cradlepoint, como unico y exclusivo recurso del comprador. Si este equipo se adquirió como un componente de un paquete de soluciones NetCloud, es posible que exista una garantía adicional. Consulte el sitio web de Cradlepoint para obtener más detalles. Cradlepoint no garantiza que el funcionamiento del producto cumpla con sus requisitos o esté libre de errores. La garantía no será efectiva. Cuando el producto se utilice en condiciones distintas a las usuales. Cuando el equipo no haya sido operado de acuerdo al instructivo. Cuando el equipo haya sido alterado o reparado por personal no autorizado. Cradlepoint no garantiza que el funcionamiento del producto cumpla con sus requisitos o esté libre de errores. CRADLEPOINT NO OFRECE NINGUNA OTRA GARANTÍA, YA SEA EXPRESA O IMPLÍCITA. CRADLEPOINT RECHAZA ESPECIFICAMENTE A LAS GARANTÍAS O CONDICIONES IMPLÍCITAS DE COMERCIALIZACIÓN, ADECUADAS PARA UN PROPOSITO PARTICULAR, TÍTULO O NO INFRACCIÓN. Si algún término de esta garantía se considera ilegal o inaplicable, la legalidad o aplicabilidad de los términos restantes no se verá afectada ni menoscabada. La garantía también ampara todas las piezas y componentes del producto. Esta garantía puede hacerse efectiva en el domicilio del importador (si fue comprado en territorio mexicano) presentando el producto y la póliza de garantía debidamente llenada y sellada por el importador, o la factura o recibo o comprobante en el que conste los datos específicos del producto objeto de la compraventa. En el mismo lugar el consumidor puede encontrar partes, accesorios y componentes.

Modelo _____

Fecha de Compra _____

Importador: INGRAM MICRO MEXICO, S.A. DE C.V. Josellito 3 Int. Piso 5, Col. El Parque, Naucalpan de Juarez, Estado de Mexico.
Telefono: 55 5263 6500