

Compliance information

- SIP Media Gateways G100 and G200 -

January 2017



Regulatory – Compliance and Agency Approval

The Digium SIP Media Gateway, models **G100** and **G200** complies with or has obtained Regulatory Agency approval at least against the following standards:

- **EMC – Emission** (Class A) FCC Part 15 - 2009
ICES-003 issue 4
EN 55032: 2012
EN 61000-3-2: 2006 + A1 + A2
EN 61000-3-3: 2008
AS/NZS CISPR22: 2006
- **EMC – Immunity** EN 55024: 2010
- **Safety** IEC 60950-1: 2005 + A1 + A2
UL60950-1- 2011 – 2nd Edition
CSA C22.2 No. 60950-1-07 – 2nd Edition
EN 60950-1: 2006 + A11 + A12 + A1 + A2
AS/NZS 60950-1:2011
- **Telecom - Digital** TBR 4
TBR 12 and TBR13
FCC Part 68 + TIA-968-B
IC CS-03 Issue 9 - Part 6
AS/ACIF S016:2001
AS/ACIF S038:2001

Compliance and Regulatory Statements

1. EN55032 and CISPR32 – Class A warning

This is a Class A product that may cause radio interference. In this case, the user may be required to take adequate measures.

2. FCC Part 15 Statement

This digital equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generate, use and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area are likely to cause harmful interference, in which case the user will be required to correct the interference at his or her own expense.

3. FCC Part 68 Statement

This equipment complies with Part 68 of the FCC rules and the requirement adopted by ACTA of the United States.

On the product nameplate of this equipment (located on the rear of the chassis) is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX.

If requested, this number must be provided to the telephone company.

Connection to the Telephone Line

If a need arises in the future, the telephone company will call the user and request the following information for any equipment being connected to the Public Switched Telephone Network:

- *Manufacturer:* Digium Inc.
- *Model Number:* Refer to the nameplate on the chassis
- *Facility Interface Code (FIC):* 04DU9.BN, 04DU9.DN, 04DU9.1KN, 04DU9.1SN
- *Service Order Code (SOC):* 6.0Y
- *Universal Service Order Code (USOC):* RJ48C

Problems, Repair and Warranty

Should you experience trouble with this telephone equipment or for repair or warranty information, please contact Digium, Inc. at +1 (256) 428-6000. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect this equipment from the line network until the problem has been corrected.

4. Industry Canada Statement

This equipment does not exceed Class A limits for radio noise emissions for digital apparatus, set out in Radio Interference Regulation of the Industry Canada. Operation in a residential area may cause unacceptable interference to radio and TV reception requiring the owner or operator to take whatever steps necessary to correct the interference.

This product meets the applicable Industry Canada technical specifications.

The Industry Canada label identifies certified equipment. The certification means that the equipment meets certain telecommunications network protective, operations, and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Industry Canada does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by a Digium authorized maintenance facility. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.



Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

5. Notice d'Industrie Canada

Cet équipement ne dépasse pas les limites de Classe A d'émission de bruits radioélectriques pour les appareils numériques, telles que prescrites par le Règlement sur le brouillage radioélectrique établi par l'Industrie Canada. L'exploitation faite en milieu résidentiel peut entraîner le brouillage des réceptions de radio et de télévision, ce qui obligerait le propriétaire ou l'opérateur à prendre les dispositions nécessaires pour en éliminer les causes.

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

L'étiquette d'industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme aux normes de protection, d'exploitation et de sécurité des réseaux de télécommunications, comme le prescrivent les documents concernant les exigences techniques relatives au matériel terminal. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêche pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être coordonnées par un représentant désigné par Digium. L'entreprise de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause d'un mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.



L'utilisateur ne doit pas tenter de faire les raccordements lui-même, mais doit avoir recours à un service d'inspection d'installations électriques ou d'un électricien.

6. EU Directives: EMC, Safety and RoHS Recast



DECLARATION OF CONFORMITY

We, Digium, declare under our sole responsibility that the:

SIP Media Gateway

Consisting of models **G100** and **G200**

to which this declaration relates, is in conformity with the following European Directives:

2014/30	(EMC)
2014/35	(Safety)
2011/65	(RoHS Recast)

Product compliance has been demonstrated against the following standards:

EN 55032	2012
EN 61000-3-2	2006 + A1 + A2
EN 61000-3-3	2008
EN 55024	2010
EN 60950-1	2006 + A11 + A12 + A1 + A2
EN 50581	2012

The technical file is kept at: *Digium Inc.*
445 Jan Davis Drive NW
Huntsville, Alabama 35806
USA

Huntsville, 19 January 2017

A handwritten signature in black ink, appearing to read "Jean Galarnau".

Jean Galarnau
Engineering Manager

445 Jan Davis Drive NW | Huntsville, Alabama 35806 - USA | phone: +1 256-428-6000 | fax: +1 256-864-0464

www.digium.com | www.asterisk.org



- DIGIUM vakuuttaa täten että G100/G200 tyyppinen laite on direktiivin 2014/30, 2014/35, 2011/65 oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
- Hierbij verklaart DIGIUM dat het toestel G100/G200 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/30, 2014/35, 2011/65.
- Par la présente DIGIUM déclare que les G100/G200 sont conformes aux exigences essentielles et aux autres dispositions pertinentes des Directives 2014/30, 2014/35, 2011/65.
- Härmed intygar DIGIUM att denna G100/G200 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/30, 2014/35, 2011/65.
- Undertegnede DIGIUM erklærer herved, at følgende udstyr G100/G200 overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/30, 2014/35, 2011/65.
- Hiermit erklärt DIGIUM, dass sich dieses G100/G200 in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 2014/30, 2014/35, 2011/65 befindet (BMW).
- ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ DIGIUM ΔΗΛΩΝΕΙ ΟΤΙ G100/G200 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/30, 2014/35, 2011/65.
- Con la presente DIGIUM dichiara che questo G100/G200 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/30, 2014/35, 2011/65.
- Por medio de la presente DIGIUM declara que el G100/G200 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/30, 2014/35, 2011/65.
- DIGIUM declara que este G100/G200 está conforme com os requisitos essenciais e outras disposições da Directiva 2014/30, 2014/35, 2011/65.
- Hawnhekk, DIGIUM, jiddikjara li dan G100/G200 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2014/30, 2014/35, 2011/65.
- Käesolevaga kinnitab DIGIUM seadme G100/G200 vastavust direktiivi 2014/30, 2014/35, 2011/65 põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
- Alulírott, DIGIUM nyilatkozom, hogy a G100/G200 megfelel a vonatkozó alapvető követelményeknek és az 2014/30, 2014/35, 2011/65 irányelv egyéb előírásainak.
- DIGIUM týmto vyhlasuje, že G100/G200 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/30, 2014/35, 2011/65.
- DIGIUM tímto prohlašuje, že tento G100/G200 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/30, 2014/35, 2011/65.
- Šiuo DIGIUM deklaruoja, kad šis G100/G200 atitinka esminius reikalavimus ir kitas 2014/30, 2014/35, 2011/65 Direktyvos nuostatas.
- Ar šo DIGIUM deklarē, ka G100/G200 atbilst Direktīvas 2014/30, 2014/35, 2011/65 būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
- DIGIUM izjaujla, da je ta G100/G200 skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/30, 2014/35, 2011/65.
- Hér með lýsir DIGIUM yfir því að G100/G200 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/30, 2014/35, 2011/65.
- Niniejszym DIGIUM oświadcza, że G100/G200 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/30, 2014/35, 2011/65.
- DIGIUM erklærer herved at utstyret G100/G200 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/30, 2014/35, 2011/65.
- Noi DIGIUM declarăm că aparatul G100/G200 este în conformitate cu cerințele esențiale și cu alte prevederi relevante ale Hotărârii Guvernului nr.88/2003 și Directivei 2014/30, 2014/35, 2011/65.
- DIGIUM декларирам на своя отговорност, че далекосъобщително устройство G100/G200 съответства на съществениите изисквания по 2014/30, 2014/35, 2011/65.

Marking

The models G100 and G200 bear the following CE mark:



Intent of Use and Network Compatibility

This telecom equipment is intended to be connected to the following telecom services:

- ISDN Primary rate access at 2048 kbps in all the countries listed below
- G.703 Leased circuits at 2048 kbps structured and unstructured, using 120 Ohm interface, in all the countries listed below

List of countries: *Austria, Belgium, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Republic of Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK*

Environmental Information

Waste Electrical and Electronic Equipment – WEEE



The WEEE (Waste Electrical and Electronic Equipment) legislation aims to raise the level of recycling of electrical and electronic equipment and to encourage designers to create products with recycling in mind.

The Digium equipment that you bought has required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment.

In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the natural resources, we encourage you to use the appropriate take-back systems. Those systems will reuse or recycle most of the materials of your end-of-life equipment in a sound way.

The crossed-out wheeled bin symbol invites you not to dispose of WEEE as unsorted municipal waste and to collect such WEEE separately.



Safety warnings and Precautions

<p>Access to the interior of this unit shall be made only by a qualified technician</p> <p>Remove power plug(s) from the power socket before performing any service on the unit</p> <p>To ensure adequate cooling of the equipment, a 2-inch unobstructed space must be provided around all sides of the unit.</p> <p>The Power Socket shall be installed near the equipment and shall be easily accessible</p>	<p>Der Zugang ins Innere des Gerätes ist nur einem fachlich qualifizierten Techniker gestattet.</p> <p>Vorm Öffnen des Gerätes muss der Netzstecker vom Stromnetz getrennt werden!</p> <p>Um die Kühlung des Gerätes nicht zu beeinträchtigen, ist es notwendig, an allen Seiten des Gerätes ca 5 cm Raum zu lassen</p> <p>Stellen Sie das Gerät in der Nähe eines geerdeten Schutzkontaktsteckers so auf, dass der Stecker leicht erreichbar und zugänglich ist.</p>	<p>Seul un spécialiste doit avoir accès à l'appareil</p> <p>Débranchez l'appareil avant de l'ouvrir</p> <p>Afin de ne pas nuire au processus de refroidissement, il est nécessaire de laisser un espace d'environ 5 cm de chaque côté de l'appareil.</p> <p>Placez l'appareil près d'une prise de courant facilement accessible</p>	<p>El servicio de mantenimiento y reparación de esta unidad sólo puede ser realizado por técnicos autorizados por el fabricante.</p> <p>Desconecte el cordón de alimentación antes de cambiar los fusibles.</p> <p>No bloquee las ranuras de ventilación del equipo, ya que los componentes podrían sobrecalentarse y sufrir daños</p> <p>Para evitar el riesgo de choque eléctrico o de incendio, reemplace el fusible con otro del mismo tipo y capacidad nominal.</p>
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Making changes or modifications



Any changes and modifications not expressly approved by Digium will void any compliance and regulatory approval, and will void the user's authority to operate the equipment.