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# Polycom® ISDN Gateway

This document covers the Polycom® ISDN Gateway device.

## **Important Safeguards**

Read and understand the following instructions before using the system:

- Always disconnect the Polycom ISDN Gateway device from the PoE+ port, and telecommunications network before cleaning or servicing.
- There are no user serviceable parts inside this product.
- If you plan to use a POE+ injector with this device then use only the type supplied with this product.
- If you intend to power this product using PoE+ infrastructure, ensure that you use an approved networking device.
- Closely supervise the area when using the system near children. Do not leave the system unattended while in use.
- Only use electrical extension cords with a current rating at least equal to that of the system.
- Do not spray liquids directly onto the system when cleaning. Always apply the liquid first to a static-free cloth.
- Do not immerse the system in any liquid or place any liquids on it.
- Do not disassemble this system. To reduce the risk of shock and to maintain the warranty on the system, a qualified technician must perform service or repair work.
- Connect this appliance to a grounded outlet.
- Only connect the system to surge protected power outlets.
- Keep ventilation openings free of any obstructions.
- If the system or any accessories are installed in an enclosed space such as a cabinet, ensure that the air temperature in the enclosure does not exceed 40°C (104° F). You may need to provide forced cooling to keep the equipment within its operating temperature range.
- Do not use this product near water.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

**SAVE THESE INSTRUCTIONS.**

### Special Safety Instructions



**Plug Acts as Disconnect Device:** The socket outlet to which the POE+ injector is connected must be installed near the equipment and must always be readily accessible.

Follow existing safety instructions and observe all safeguards as directed. Installation must be performed in accordance with all relevant national wiring rules.

We recommend that you install an AC surge arrester in the AC outlet to which this device is connected. This action will help to avoid damage to the equipment caused by local lightning strikes and other electrical surges.

To reduce the risk of fire, use only No. 26AWG or larger telecommunication line cord.

### Electrical Specifications

**Power over Ethernet (PoE+):** IEEE 802.3at, 42.5-57 VDC, 600mA

**PoE+ Injector:** 100-240V~, 0.8A, 50-60Hz

### Environmental Specifications

**Operating temperature:** 32° F to 104° F (0 to 40° Celsius)

**Operating humidity:** 10 to 80%

**Non-operating temperature:** -4 to 158° F (-20 to 70° Celsius)

**Non-operating humidity (non-condensing):** 10 to 90%

**Maximum altitude:** 6561.68 feet (2,000 meters)

### Regulatory Notices

#### Warning

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

#### USA and Canadian Regulatory Notices

##### FCC Notice

##### Class A Digital Device or Peripheral

This 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 generates, uses, 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 is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

In accordance with Part 15 of the FCC rules, the user is cautioned that any changes or modifications not expressly approved by Polycom Inc. could void the user's authority to operate this equipment.

##### Part 15 FCC Rules

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.

**Regulatory Notices**

**Industry Canada (IC)**

This product meets the applicable Industry Canada technical specifications.

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

This Class [A] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la Classe [A] est conforme à la norme NMB-003 du Canada.

**United States Federal Communication Commission (FCC)**

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the underside 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.

The following USOC, FIC and SOC codes are applicable to this equipment;

USOC Jacks: RJ48S, RJ49C

Service Order Code: 6.0N

Facility Interface Code: 04DU9.DN, 04DU9.BN, 04DU9.1KN, 04DU9.1SN

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact Polycom Inc in the U.S.A. 1-888-248-8294. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

**Class A Statements**

Japan

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI-A

**Regulatory Notices****Taiwan**

設備名稱：閘道器，型號（型式）：ISDN Gateway Equipment name Type designation (Type)						
單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>+6</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
外殼	○	○	○	○	○	○
電路板	○	○	○	○	○	○
電源供應器	○	○	○	○	○	○
線材	○	○	○	○	○	○

備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。  
Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。  
Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. “-” 係指該項限用物質為排除項目。  
Note 3 : The “-” indicates that the restricted substance corresponds to the exemption.

**CLASS A statement**

警告使用者

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

**EEA Regulatory Notices****CE Marking**

This product has been marked with the CE mark. This mark indicates compliance with the relevant applicable EU directives.

A full copy of the EU Declaration of Conformity can be obtained from Polycom Ltd, 270 Bath Road, Slough, SL1 4DX, UK

or via the following email address: [typeapproval@polycom.com](mailto:typeapproval@polycom.com)

### Regulatory Notices

#### Restriction of Hazardous Substances Directive (RoHS)

Polycom products are RoHS compliant, which means we have eliminated or brought to within acceptable limits: Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls, and Polybrominated Diphenylethers. For more information, please contact [RoHSinformation@polycom.com](mailto:RoHSinformation@polycom.com).

#### End of Life Products

Polycom encourages you to recycle your end-of-life Polycom products in an environmentally considerate way. In accordance with the requirements of the European Waste Electronic and Electrical Equipment (WEEE) Directive, all Polycom products are marked with the crossed wheelie bin symbol shown under Battery Guidelines. Products that carry this symbol should not be disposed of in the household or general waste stream. Details of the options open to you and the guidance on the requirements for the recycling and environmentally considerate disposal of your end of life Polycom products can be found at <http://www.polycom.com/WEEE>. The Polycom Global Producer Responsibility Statement can be found at [Polycom's The Environment](#).

#### Batteries

The batteries supplied by Polycom in its products and as replacement parts meet the marking and heavy metal content requirements of the EU Battery Directive. Where batteries include lead, mercury or cadmium, the levels of these substances are very low and fall below the thresholds that exist in all markets into which they are supplied. Lead acid batteries supplied with certain Polycom products carry the Pb symbol indicating presence of lead above the thresholds described above.

For products that include CR2032 style "Coin" cells, users in California should refer to the *California Code of Regulations*, title 22, division 4.5: Chapter 33 – Best Management Practices for Perchlorate Materials.

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