



# Regulatory Compliance and Technical Specifications

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These sections provide regulatory compliance and technical specifications for the VG248:

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## Regulatory Compliance

The VG248 meets the following regulatory compliance:

| Item                  | Description                                                                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regulatory Compliance | Product will bear CE Marking indicating compliance with the 89/366/EEC, 73/23/EEC directive, which includes the following safety and EMC standards.                                |
| Safety                | UL 1950, CSA C22.2 No. 950, EN 60950, IEC 60950, AS/NZS 3260, TS 001                                                                                                               |
| EMC                   | FCC Part 15 (CFR 47) Class A, ICES 003 Class A, CISPR22 Class A, AS/NZS 3548 Class A, VCCI Class A, EN55022 Class A, EN 55024, EN 50082-1, ETS 300 386, EN 61000-3-2, EN 61000-3-3 |

EMC Environmental conditions for product to be installed in the European Union.

This equipment is intended to operate under the following environmental conditions with respect to EMC:

1. A separate defined location under user's control.
2. Earthing and bonding shall meet the requirements of ETS 300 253 or CCITT K27.
3. Where applicable, AC power distribution shall be one of the following types: TN-S and TN-C [as defined in IEC 364-3].

In addition, if equipment is operated in a domestic environment, interference may occur.

## EMI Class A Warnings

### (FCC) Class A Warning



#### Warning

**Modifying the equipment without Cisco's authorization may result in the equipment no longer complying with FCC requirements for Class A or Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense. [cfr reference 15.21]**



#### Warning

**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. [cfr reference 15.105]**

**Canada Class A Warning**

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.

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**(CISPR 22) Class A Warning****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.

**Japan (VCCI)**

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラス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。

**Warning**

This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

**Taiwan (BSMI) Class A Warning**

**警告使用者：**這是甲類資訊產品，在居住環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

**Warning**

This is a Class A Information Product, when used in residential environment, it may cause radio frequency interference, under such circumstances, the user may be requested to take appropriate countermeasures.

Hungarian Class A Warning:

Figyelmeztetés a felhasználói kézikönyv számára: Ez a berendezés "A" osztályú termék, felhasználására és üzembe helyezésére a magyar EMC "A" osztályú követelményeknek (MSZ EN 55022) megfelelően kerülhet sor, illetve ezen "A" osztályú berendezések csak megfelelő kereskedelmi forrásból származhatnak, amelyek biztosítják a megfelelő speciális üzembe helyezési körülményeket és biztonságos üzemelési távolságok alkalmazását.



Warning

This equipment is a class A product and should be used and installed properly according to the Hungarian EMC Class A requirements (MSZEN55022), the Class A equipment are derived for typical commercial establishments for which special conditions of installation and protection distance are used.

Technical Specifications

Table A-1 includes the physical and operating specifications of the VG248.

Table A-1 Cisco VG248 Specifications

| Specification            | Value or Range                                                  |
|--------------------------|-----------------------------------------------------------------|
| Dimensions (H x W x D)   | 1.75 x 17.25 x 16.75 inches                                     |
| Weight                   | 6.6kg(14lbs 9oz)                                                |
| Power                    | 100-240 VAC, 50-60 Hz                                           |
| Operating environment    | 0° to 40° C (32° to 104° F), 10% to 95% non-condensing humidity |
| Nonoperating environment | -10° to 60° C (14° to 140° F)                                   |
| Talk battery             | -35V                                                            |
| Ringing voltage          | 50V rms with a 15V DC offset                                    |
| Loop current             | 21mA                                                            |