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Regulatory Compliance

ORiNOCO AP-4000 Series Access Points

Safety and Regulatory Compliance Information

(May 2006)



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Please read this document before installing and using your product, and save these instructions.

Products Covered in the Guide

This document contains important safety and regulatory compliance information for the following products:

Product	Model Numbers
ORiNOCO Tri-Mode Access Point AP-4000	AP-AG-AT-02 8670-AU 8670-AU2 8670-BR 8670-CN 8670-EU 8670-EU2 8670-HK 8670-JP 8670-JP2 8670-SG 8670-SK 8670-TW 8670-UK 8670-US 8670-US2 8670-WD
ORiNOCO Tri-Mode Access Point AP-4000M	AP-AG-AT-02 8670M-AU 8670M-AU2 8670M-BR 8670M-CN 8670M-EU 8670M-EU2 8670M-HK 8670M-JP 8670M-JP2 8670M-SG 8670M-SK 8670M-TW 8670M-UK 8670M-US 8670M-US2 8670M-WD
ORiNOCO Quad-Mode Access Point AP-4900M	8670M-PS-US

Please see the following sections for more information:

- [Safety Information \(USA, Canada, & European Union\)](#)
- [Federal Communications Commission \(FCC\) Compliance](#)

Safety Information (USA, Canada, & European Union)

This product has been evaluated to, and complies with, the Safety requirements of UL60950:2000, and IEC60950:1999; the Standards for the Safety of Information Technology Equipment. When using this device, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Operate and install this product as described in this manual. This device must be installed and used in strict accordance with the manufacturer's instructions.
- This product is suitable for installation in air handling spaces (plenum).
- Use only the AC/DC power supply adapter provided. For replacement, contact your local supplier or distributor.
- To avoid the risk of electric shock from lightning, do not use this product during an electrical storm.
- Installation of this product must conform to local regulations and codes.
- When using this product with an external antenna, see the installation documentation provided with the antenna system.
- No user serviceable parts; all repairs and service must be handled by a qualified service center.

Federal Communications Commission (FCC) Compliance

This device operates at 2.4 GHz, 5.15 - 5.35 GHz, and 5.75 - 5.85 in compliance with Part 15 of the FCC Rules. In addition, the 8670M-PS-US model also operates at 4.9 GHz in compliance with Part 90 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.

To comply with the FCC radio frequency exposure requirements, the following antenna installation and device operating configurations must be satisfied:

- The 8670-US2 and 8670M-US2 models must be used indoors only and must be installed to provide a separation distance of at least 20 cm (8 inches) from all persons.
- Product models using external antennas require professional installation. The antennas used for professional installation must be fixed-mounted on indoor/outdoor permanent structures with a separation distance of at least 100 cm from all persons.
- Antennas must not be co-located and must not operate in conjunction with any other antenna or transmitter.

See the “Professional Installation” appendix in the *AP-4000 Series User Guide* for antenna installation instructions, and the “Hardware Installation” chapter in the *AP-4000 Series User Guide* for cabling and mounting instructions.

Modifications

Changes or modifications to this device that are not expressly approved by the manufacturer of the product could void the user’s authority to operate the equipment.

Warnings

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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment to 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