

Certificate of Radio Equipment in JAPAN

No: 08215112/AA/00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **802.11abg compact flash module**
Trademark: **Summit Data Communications**
Family name: --
Type designation: **SDC-CF10AG**
Serial No: **CF10AG0802011493**
Software release No: **V. 2.01.11**

Manufacturer: **Gemtek Technology Co., Ltd.**
Address: **No. 1, Jen Ai Road, Hsinchu Industrial Park**
City: **303 Hukou Hsinchu**
Country: **Taiwan R.O.C.**

This certificate is granted to:

Name: **Summit Data Communications. Inc.**
Address: **526 South Main Street Suite 407**
City: **OH 44311 Akron**
Country: **United States**

This certificate has THREE Annexes.

Zevenaar, 28 August 2008

CAB



M.H. Koop
Manager Certification



- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination.
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



R 201 XW
08215112

Remarks and observations

The following conditions are applicable:

Antennas for IEEE 802.11a:

- Laird Centurion NanoBlade, PCB Omni antenna, max. gain of 5.1 dBi at 5 GHz
- Larson R380.500.314, Dipole antenna, max. gain of 5 dBi at 5 GHz
- Volex VLX-510004-A, Dipole antenna, max. gain of 1.9 dBi at 5 GHz

Documentation lodged for this type-examination

Test Reports:

- Elliott Laboratories Inc.: R72246 Rev.1, 16 July 2008
- Telefication bv: 20082433300, 27 August 2008

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electric diagrams
- Antenna specifications
- Photos
- User manual

Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations 2006

Chapter I, General Provisions
Chapter II, Transmitting Equipment
Chapter III, Receiving Equipment
Chapter IV, section 4.17 article 49.20

Radio equipment specified in Item (19)-3 of article 2, paragraph 1

Technical features and characteristics

The product includes the following features and characteristics:

IEEE 802.11a:

- Operating frequency range: 5180-5320 MHz (8 channels)
- Operating frequency band: 5150-5350 MHz
- ITU designation: 16M6D1D
- Maximum output power: 1.5 mW/MHz rated
- Maximum antenna gain: 5.1 dBi
- Modulation method(s): OFDM: BPSK, QPSK, 16QAM, 64QAM

Annex 3 to Certificate of Radio Equipment in Japan
Number: 08215112/AA/00

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The product as described in this Certificate includes the following type designations:

Product description: 802.11abg compact flash module
Type designation: SDC-CF10AG
Trademark: Summit Data Communications
Serial No: CF10AG0802011493
Hard- / Softw. release No: V04 / V. 2.01.11