

Certificate

of

Radio Equipment in JAPAN

No: 08215113/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 WW
08215113

Remarks and observations

The following conditions are applicable:

Antennas for IEEE 802.11b/g:

- Laird Centurion NanoBlade, PCB Omni antenna, max. gain of 3.8 dBi at 2.4 GHz
- Larson R380.500.314, Dipole antenna, max. gain of 1.6 dBi at 2.4 GHz
- Volex VLX-510004-A, Dipole antenna, max. gain of 2.3 dBi at 2.4 GHz

Documentation lodged for this type-examination

Test Reports:

- Telefication bv: 20082433300, 27 August 2008

Product Documentation:

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

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) of article 2, paragraph 1

Technical features and characteristics

The product includes the following features and characteristics:

IEEE 802.11b:

- Operating frequency range: 2412-2472 MHz (13 channels)
- Operating frequency band: 2400-2483.5 MHz
- ITU designation: 12M6G1D
- Maximum output power: 2.5 mW/MHz rated
- Maximum antenna gain: 3.8 dBi
- Modulation method(s): DSSS: DBPSK, DQPSK, CCK

IEEE 802.11g in OFDM mode:

- Operating frequency range: 2412-2472 MHz (13 channels)
- Operating frequency band: 2400-2483.5 MHz
- ITU designation: 16M6D1D
- Maximum output power: 2.5 mW/MHz rated
- Maximum antenna gain: 3.8 dBi
- Modulation method(s): OFDM: BPSK, QPSK, 16QAM, 64QAM

Annex 3 to Certificate of Radio Equipment in Japan
Number: 08215113/AA/00

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Annex 3, Page 1 of 1

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