

Statement

of Opinion

N°: 05214130/AA/00

With respect to Chapter 10 of the Telecommunications Act of The Netherlands, Telefication declares that to our opinion the listed product complies with the essential requirements, in accordance with Article 3 of the Directive 1999/5/EC, as indicated under Annex 1 of this statement.

Product description: **Wireless 11a+g Dual-Band Access Point**
Trademark: **See Annex 3**
Family name: **--**
Type designation: **See Annex 3**
Serial N°: **See Annex 3**
Software release N°: **See Annex 3**

Manufacturer: **SparkLAN Communications, Inc.**
Address: **3Fl., No.246, Sec. 1, Neihu Road, Neihu Chiu**
City: **114 Taipei**
Country: **Taiwan R.O.C.**

This statement is granted to:

Name: **SparkLAN Communications, Inc.**
Address: **3Fl., No.246, Sec. 1, Neihu Road, Neihu Chiu**
City: **114 Taipei**
Country: **Taiwan R.O.C.**

This statement has THREE Annexes.

Zevenaar, 15 August 2005



M.H. Koop
Manager Certification



For each product to which this Statement relates (see annex 3, if applicable) our opinion with respect to the essential requirements is as follows:

Article 3.1

- √ (a) The protection of the health and safety of the user and other person, including the objectives with respect to safety requirements contained in Directive 73/23/EEC, but with no voltage limit applying.
- √ (b) The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC.

Article 3.2

- √ The radio product shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communication and orbital resource so as to avoid harmful interference.

Article 3.3

- N/A (a) The product shall be so constructed that it interworks via networks with other apparatus and that it can be connected to interfaces of the appropriate type throughout the Community.
- N/A (b) The product shall be so constructed that it does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service.
- N/A (c) The product shall be so constructed that it incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected.
- N/A (d) The product shall be so constructed that it supports certain features ensuring avoidance of fraud.
- N/A (e) The product shall be so constructed that it supports certain features ensuring access to emergency services.
- N/A (f) The product shall be so constructed that it supports certain features in order to facilitate its use by users with a disability.

Opinions

- √ = Conform
- X = Not conform
- N/A = Not applicable (for this product)
- N/P = Not performed (in this type-examination)

- The validity of this Statement of Opinion is limited to products, which are equal to the examined in the type-examination.
- When the manufacturer (or holder of this statement) is placing the product on the European market, the marking of this product must contain (among other elements) the Notified Body number of Telefication: 0560

Remarks and observations

The following conditions are applicable:

- The product is capable of operating as Master.

Documentation lodged for the type-examination

Testreports:

- ADT Corp.: RE940714L20, 4 August 2005
- ADT Corp.: RM940714L20, 3 August 2005
- ADT Corp.: LD940714L20, 25 July 2005
- ADT Corp.: SE940714L20, not dated

Product documentation:

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

Technical standards and specifications

The product shows no non-compliances with:

- EN 300 328 November 2004 V1.6.1
- EN 301 893 August 2003 V1.2.3
- EN 301 489-1 August 2002 V1.4.1
- EN 301 489-17 August 2002 V1.2.1
- EN 60950-1 2001
- EN 50385 August 2002

Technical features and characteristics

The product includes the following features and characteristics:

- For IEEE 802.11b/g:
 - Operating frequency-range: 2.4 - 2.4835 GHz (13 channels: 2.412 - 2.472 GHz)
 - Maximum (measured) RF output power: 18.8 dBm EIRP average
 - Maximum antenna gain: 2.0 dBi
 - Modulation method(s) DSSS: DBPSK/DQPSK/CCK; OFDM: BPSK/QPSK/16QAM/64QAM
- For IEEE 802.11a:
 - Operating frequency-range: 5.150 - 5.350 GHz (8 channels: 5.18 - 5.32 GHz)
 - Operating frequency-range: 5.470 - 5.725 GHz (11 channels: 5.5 - 5.7 GHz)
 - Maximum (measured) RF output power: 20.8 dBm EIRP average
 - Maximum antenna gain: 4.0 dBi
 - Modulation method(s) OFDM: BPSK/QPSK/16QAM/64QAM

Trademarks and type designations

The product as described in the Statement of Opinion includes the following type designations:

Type designation: WX-7800A
Trademark: SparkLAN
Serial No: --
Software release No: --

Type designation: TEW-510APB
Trademark: TRENDnet
Serial N^o: --
Software release N^o: --