telefication bv
The Netherlands
Chamber of Commerce
09076358
www.telefication.com

telefication

Statement

of Opinion

No: 07214163/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:	**DX80/DX70 SureCross Wireless Sensor I/O Radio Module**
Trademark:	**SureCross**
Family name:	**--**
Type designation:	**RM824**
Serial No:	**--**
Software release No:	**--**

Manufacturer:	**Banner Engineering Corp.**
Address:	**9714 Tenth Avenue North**
City:	**MN 55441 Minneapolis**
Country:	**United States**

This statement is granted to:

Name:	**Banner Engineering Corp.**
Address:	**9714 Tenth Avenue North**
City:	**MN 55441 Minneapolis**
Country:	**United States**

This statement has THREE Annexes.

Zevenaar, 23 October 2007

CE

i.o. BV

M.H. Koop
Manager Certification

PRODUCTS
RvA C 224

laboratory certification approvals

BANNER P/N
1794 REV. -

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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

Article 3.1

C (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.

NP (b) The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC.

Article 3.2

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

Article 3.3

NA (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.

NA (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.

NA (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.

NA (d) The product shall be so constructed that it supports certain features ensuring avoidance of fraud.

NA (e) The product shall be so constructed that it supports certain features ensuring access to emergency services.

NA (f) The product shall be so constructed that it supports certain features in order to facilitate its use by users with a disability.

Opinions

C = Conform
NC = Not Conform
NA = Not applicable (for this product)
NP = Not performed (in this type examination)

- The validity of this Statement of Opinion is limited to products, which are equal to the one examined in the type-examination.

- When the manufacturer (or holder of this statement) is placing the product on the European market or the countries of the EEA, the marking of this product must contain (among other elements) the Notified Body number of Telefication: 0560

- This Statement of Opinion does not imply that the product can be used in the European Union or the countries of te EEA. If the product can not be identified as 'class-1' in accordance with Commision Decision 2000/299/EC, then:

  - Placing the product on the market may be subject to notification to the national radio agencies.
  - Putting the product into service is subject to national frequency regulation and may require licencing.

Remarks and observations

The following conditions are applicable:

This certificate replaces the one dated 19 October 2007.

Documentation lodged for this Statement of Opinion

Test Reports:

- Nemko USA, Inc.: 6L0367REU1, 22 August 2006
- Rhein Tech Laboratories Inc.: 2007180-001T, 31 August 2007
- Rhein Tech Laboratories Inc.: 2007180-002T, 28 August 2007

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	October 2006	V1.7.1
- EN 301 489-1	September 2005	V1.6.1
- EN 301 489-17	August 2002	V1.2.1
- EN 60950-1	2006	

Technical features and characteristics

The product includes the following features and characteristics:

Frequency hopping equipment:
- Operating frequency range: 2401-2482 MHz (27 channels)
- Operating frequency band: 2400-2483.5 MHz
- Maximum output power: 19.2 dBm EIRP average (measured)
- Maximum antenna gain: 2 dBi
- Modulation method(s): FHSS: GFSK

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

Product description:	DX80/DX70 SureCross Wireless Sensor I/O Radio Module
Type designation:	RM824
Trademark:	SureCross
Serial No:	--
Hard- / Softw. release No:	--