



# Statement

of Opinion

No.: 11214126/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 HD Net Connect Receiver**  
Trademark: See annex 3  
Family name: --  
Type designation: See annex 3  
Serial No: See annex 3  
Hard- / Softw. release No: --

Manufacturer: **Zinwell Corporation**  
Address: **7F, No.512, Yuanshan Road, Zhonghe District**  
City: **235 New Taipei City**  
Country: **Taiwan, Republic Of China**

This statement is granted to:

Name: **Zinwell Corporation**  
Address: **7F, No.512, Yuanshan Road, Zhonghe District**  
City: **235 New Taipei City**  
Country: **Taiwan, Republic Of China**

This statement has THREE Annexes.

Zevenaar, 13 September 2011



*i.o.*

W.J.M. Jong  
Operations Manager Certification



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<sup>\*)</sup>, but with no voltage limit applying.
- C (b) The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC<sup>\*)</sup>.

<sup>\*)</sup> In addition standards published under Directives 2006/95/EC, 2004/108/EC, 90/385/EEC and 93/42/EEC may have been used to demonstrate compliance with articles 3.1.a and 3.1.b of Directive 1999/5/EC.

#### 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 statement)

- 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 the EEA. If the product can not be identified as 'class-1' in accordance with Commission Decision 2000/293/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:*

All models are providing an HDMI output port and the same radio characteristics, but are different with respect to other connecting possibilities

The ZINWELL models are providing an USB port,

See description for an overview

A safety distance of 20 cm has to be taken into account with regard to RF exposure.

Nominal input voltage 5 Vdc, tolerance 10%

DFS operation as Master; frequency band 5600-5650 MHz has been disabled.

De following adapters are supplied for use

BRAND: SINO-AMERICAN

Model: SA110C-05GS-A or SA110C-05BS-A (diiferent plug)

Input; 100-240 Vac, 50/60 Hz, 0.3 A

Output: 5Vdc, 2 A

De following adapter is supplied for use with the ZINWELL equipment:

BRAND: SINO-AMERICAN

Model: SA110C-05GS-A

Input; 100-240 Vac, 50/60 Hz, 0.3 A

Output: 5Vdc, 1.5 A

### Documentation lodged for this Statement of Opinion

#### Test Reports:

- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: LD110607C27, 24 August 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: LD110607C27-1, 24 August
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RE110607C27, 11 July 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RE110607C27-1, 28 July
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RM110607C08, 07 July 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RM110607C09, 18 July 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: SE110607C27B, 01

#### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electric diagrams
- Photos
- User manual
- EN 301 893 Declarations
- Description

### Technical Standards and Specifications

The following standards have been used in full or part to cover the essential requirements:

- |                 |               |        |
|-----------------|---------------|--------|
| - EN 301 489-1  | April 2008    | V1.8.1 |
| - EN 301 489-17 | May 2009      | V2.1.1 |
| - EN 301 893    | December 2008 | V1.5.1 |
| - EN 50385      | August 2002   |        |
| - EN 60065      | May 2002      |        |
| - EN 60065/A1   | May 2006      |        |
| - EN 60065/A11  | November 2008 |        |
| - EN 60065/A2   | October 2010  |        |

### Technical features and characteristics

*The product includes the following features and characteristics:*

#### WHDI(20 MHz):

- Operating frequency range: 5180-5240 MHz (4 channels)
- Operating frequency band: 5150-5250 MHz
- Maximum output power: 22.03 dBm EIRP average (calculated)
- Maximum antenna gain: 6.2 dBi
- Modulation method(s): OFDM: BPSK, QPSK, 16QAM, 64QAM

#### WHDI(40 MHz):

- Operating frequency range: 5510-5670 MHz (3 channels)
  - Operating frequency band: 5470-5725 MHz
  - Maximum output power: 22.04 dBm EIRP average (calculated)
  - Maximum antenna gain: 6.2 dBi
  - Modulation method(s): OFDM: BPSK, QPSK, 16QAM, 64QAM
- 
- Operating frequency range: 5190-5310 MHz (4 channels)
  - Operating frequency band: 5150-5350 MHz
  - Maximum output power: 22.88 dBm EIRP average (calculated)
  - Maximum antenna gain: 6.2 dBi
  - Modulation method(s): OFDM: BPSK, QPSK, 16QAM, 64QAM

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

Product description:  
Type designation:  
Trademark:  
Serial No: --  
Hard- / Softw. release No: --

Product description: Wireless HD Net Connect Receiver  
Type designation: WHD100R  
Trademark: ZINWELL  
Serial No: --  
Hard- / Softw. release No: --

Product description:  
Type designation:  
Trademark:  
Serial No: --  
Hard- / Softw. release No: --

Product description: Wireless HD AV Connect Receiver  
Type designation: WHD200R  
Trademark: ZINWELL  
Serial No: --  
Hard- / Softw. release No: --



# Statement

## of Opinion

**No.: 11214113/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 HD Net Connect Transmitter**  
Trademark: **See annex 3**  
Family name: **--**  
Type designation: **See annex 3**  
Serial No: **See annex 3**  
Hard- / Softw. release No: **--**

Manufacturer: **Zinwell Corporation**  
Address: **7F, No.512, Yuanshan Road, Zhonghe District**  
City: **235 New Taipei City**  
Country: **Taiwan, Republic Of China**

This statement is granted to:

Name: **Zinwell Corporation**  
Address: **7F, No.512, Yuanshan Road, Zhonghe District**  
City: **235 New Taipei City**  
Country: **Taiwan, Republic Of China**

This statement has THREE Annexes.

Zevenaar, 07 September 2011



W.J.M. Jong  
Operations Manager Certification



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<sup>\*)</sup>, but with no voltage limit applying.
- C (b) The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC<sup>\*)</sup>.

<sup>\*)</sup> In addition standards published under Directives 2006/95/EC, 2004/108/EC, 90/385/EEC and 93/42/EEC may have been used to demonstrate compliance with articles 3.1.a and 3.1.b of Directive 1999/5/EC.

#### 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.

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- This Statement of Opinion does not imply that the product can be used in the European Union or the countries of the EEA. If the product can not be identified as 'class-1' in accordance with Commission Decision 2000/209/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:*

5600-5650MHz is disabled.  
DFS (slave without radar detection); TPC; MIMO.

### Documentation lodged for this Statement of Opinion

#### *Test Reports:*

- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: LD110607C27, 24 August 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: LD110607C27-1, 24 August 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RE110607C08, 11 July 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RE110607C08-1, 28 July 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RM110607C08, 07 July 2011
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: SE110607C08, 11 July 2011

#### *Product Documentation:*

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

### Technical Standards and Specifications

*The following standards have been used in full or part to cover the essential requirements:*

- |                 |               |        |
|-----------------|---------------|--------|
| - EN 301 489-1  | April 2008    | V1.8.1 |
| - EN 301 489-17 | May 2009      | V2.1.1 |
| - EN 301 893    | December 2008 | V1.5.1 |
| - EN 50371      | March 2002    |        |
| - EN 60065      | May 2002      |        |
| - EN 60065/A1   | May 2006      |        |
| - EN 60065/A11  | November 2008 |        |
| - EN 60065/A2   | October 2010  |        |

#### Technical features and characteristics

*The product includes the following features and characteristics:*

IEEE 802.11n (40 MHz):

- Operating frequency range: 5510-5670 MHz (3 channels)
- Maximum output power: 8.66 dBm EIRP average (measured)
- Maximum antenna gain: 4.9 dBi
- Modulation method(s): OFDM
  
- Operating frequency range: 5190-5310 MHz (4 channels)
- Maximum output power: 8.29 dBm EIRP average (measured)
- Maximum antenna gain: 4.9 dBi
- Modulation method(s): OFDM

Annex 3 to Statement of Opinion  
Number: 11214/13/AA/00

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

Product description:

Type designation:

Trademark:

Serial No: --

Hard- / Softw. release No: --

Product description: Wireless HD Net Connect Transmitter

Type designation: WHD100T

Trademark: ZINWELL

Serial No: --

Hard- / Softw. release No: --