

DECLARATION OF CONFORMITY

We,

Technicolor Connected Home Rennes
975, Avenue des Champs Blancs, CS17616
35576 Cesson-Sévigné
France
www.technicolor.com

declare under our sole responsibility that the product:

Product Name:	TWG870-O
Product Type:	Cable Gateway
Power supplied by:	Following external Power Supply Unit(s): <ul style="list-style-type: none">■ Amigo Global AMS4-1202000FV■ ENERTRONIX EXA0606EB■ Leader MU24-C120200-C5

to which this declaration relates, is in conformity with the relevant provisions of the following Council directives and Commission regulations:

■ **R&TTE Directive 1999/5/EC**

DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity

■ **Energy related Products (ErP) Directive 2009/125/EC**

Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products (repealing Directive 2005/32/EC)

■ **RoHS Directive 2011/65/EU**

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

■ **Commission Regulation (EC) No 1275/2008**

Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment

■ **Commission Regulation (EC) No 278/2009**

Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies

References to the relevant harmonised standards used or references to the specifications in relation to which conformity is declared:

Safety

■ **EN 60950-1:2006 + A11:2009 + A12:2011 + A1:2010**

Information technology equipment - Safety - Part 1: General requirements

Electromagnetic Compatibility (EMC)

■ **EN 55022:2010**

Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement



- **EN 55024:2010**
Information technology equipment - Immunity characteristics - Limits and methods of measurement
- **EN 61000-3-2:2006 + A1:2009 + A2:2009**
Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- **EN 61000-3-3:2008**
Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
- **ETSI EN 301 489-1 V1.9.2 (2011-09)**
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- **ETSI EN 301 489-17 V2.2.1 (2012-09)**
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

Radio (spectrum)

- **ETSI EN 300 328 V1.7.1 (2006-10)**
Electromagnetic compatibility and Radio spectrum Matters (ERM); wideband transmission systems; data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; harmonized EN covering essential requirements under Article 3.2 of the R&TTE Directive
- **ETSI EN 301 893 V1.6.1 (2011-11)**
Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Health

- **EN 50385:2002**
Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) - General public

Energy Efficiency

- **EN 50564:2011**
Electrical and electronic household and office equipment - Measurement of low power consumption

Restriction of Hazardous Substances (RoHS)

- **EN 50581:2012**
Technical documentation for the assessment of electrical and electronic products with respect to the restrictions of hazardous substances.

Cesson-Sévigné, 30-January-2014,

Michel Rahier
President Connected Home
Technicolor