



Declaration of Conformity

We,

TECHNICOLOR R & D France
975, avenue des Champs Blancs, CS17616,
35576 Cesson-Sévigné, FRANCE

declare under our own responsibility that the product:

Product Type: EMTA Cable Model Gateway with WiFi 2.4GHz & 5GHz features
Trade Mark: TECHNICOLOR
Model: TC7200.20
Power supplied by: External Power Supplies -Sunny SYS1428-1812-W2E or
-Leader MH18-V120150-C5
Restrictive use: Indoor use. For residential and office environment only

Is in conformity with:

- Radio & Telecommunications Terminal Equipment Directive 1999/5/EC
- Energy related Products Directive (ErP) 2009/125/EC
- Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS2) 2011/65/EU

And to check it, the following standards and regulations have been used:

Safety:

EN60950-1(2006) + A11(2009) + A1(2010) + A12(2011) Information technology equipment.
Safety. General requirements

EMC:

- **EN55022(2010)** Information technology equipment - Radio disturbance characteristics- Limits and methods of measurement
- **EN55024(2010)** Information technology equipment. Immunity characteristics. Limits and methods of measurement
- **EN61000-3-2(2006) + A1(2009) + A2(2009)** Electromagnetic compatibility - Limits for harmonic current emissions (equipment input current up to & including 16A per phase)
- **EN61000-3-3(2008)** Electromagnetic compatibility - Limitation of voltage fluctuation and flicker in low-voltage supply systems with rated current $\leq 16A$.
- **EN301489-1 V1.9.2(2011)** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- **EN301489-17 V2.1.1(2009)** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for 2,4 GHz wideband transmission systems, 5 GHz high performance RLAN equipment and 5,8 GHz Broadband Data Transmitting Systems

SPECTRUM:

- **EN300328 V1.7.1(2006)** 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
- **EN301893 V1.6.1(2011)** 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:

- **EN50385(2002)** Product Standard to Demonstrate the Compliances 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

ECO:

- **Regulation 278/2009/EC** External Power Supply no load power consumption & average efficiency
- **Regulation 1275/2008/EC** Standby & off mode power consumption
- **EN62301(2005)** Household electrical appliances. Measurement of standby power

RoHs:

- **EN50581(2012)**: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances



Responsible person:

Signature:

Date:

Michel Rahier
President of Connected Home

18-Feb-2013