

# Teltonika Dualcam RoHS

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RoHS compliance logo.

The **Restriction of Hazardous Substances Directive 2002/95/EC, (RoHS 1)**, short for Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment, was adopted in February 2003 by the European Union. The **RoHS 2** directive (2011/65/EU) is an evolution of the original directive and became law on 21 July 2011 and took effect 2 January 2013. **RoHS 3**, or Directive 2015/863, adds four additional restricted substances (phthalates) to the original list of six, as cited under REACH legislation. It also adds Category 11 products. The RoHS3 takes effect 22 Jul 2019.



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## Description

The **RoHS 1** directive took effect on 1 July 2006, and is required to be enforced and became a law in each member state. This directive restricts (with exceptions) the use of six hazardous materials in the manufacture of various types of electronic and electrical equipment. It is closely linked with the Waste Electrical and Electronic Equipment Directive (WEEE) 2002/96/EC which sets collection, recycling and recovery targets for electrical goods and is part of a legislative initiative to solve the problem of huge amounts of toxic electronic waste.

Each European Union member state will adopt its own enforcement and implementation policies using the directive as a guide.

RoHS is often referred to as the "lead-free directive", but it restricts the use of the following six substances:

1. Lead (Pb)
2. Mercury (Hg)
3. Cadmium (Cd)
4. Hexavalent chromium (Cr<sup>6+</sup>)
5. Polybrominated biphenyls (PBB)
6. Polybrominated diphenyl ether (PBDE)

The **RoHS 2** directive (2011/65/EU) addresses the same substances as the original directive while improving regulatory conditions and legal clarity. It requires periodic reevaluations that facilitate gradual broadening of its requirements to cover additional electronic and electrical equipment, cables and spare parts. The CE logo now indicates compliance and RoHS 2 declaration of conformity

The **RoHS 3** (EU Directive 2015/863) adds Category 11 (catch-all) products and adds four new restricted substances - all phthalates. The four phthalates are mainly used as insulation plasticizers, and are on the REACH list of SVHC (Substances of Very High Concern). The expanded list for RoHS 3 is thus as follows:

- Cadmium (0.01 %)
- Lead (0.1 %)
- Mercury (0.1 %)
- Hexavalent chromium (0.1 %)
- Polybrominated biphenyls (PBB) (0.1 %)
- Polybrominated diphenyl ethers (PBDE) (0.1 %)
- Bis(2-ethylhexyl) phthalate (DEHP) (0.1 %)
- Butyl benzyl phthalate (BBP) (0.1 %)
- Dibutyl phthalate (DBP) (0.1 %)
- Diisobutyl phthalate (DIBP) (0.1 %)

# CERTIFICATE

**Anbotek**  
Product Safety

## CERTIFICATE

Of Conformity

EC Council Directive 2002/95/EC

as last amended by EC Directive 2005/618/EC

Restriction of the Use of Certain Hazardous Substances  
in Electrical and Electronic Equipment

Registration No.: AT10046739R

Report No.: 201004739R

Applicant	Shenzhen Zoom Technology Co., Ltd. B, 5/F, Building 2, Jianye Industrial Park, Zhusi, Shennan Road Middle, Futian District, Shenzhen City, China
Manufacturer	Shenzhen Zoom Technology Co., Ltd. B, 5/F, Building 2, Jianye Industrial Park, Zhusi, Shennan Road Middle, Futian District, Shenzhen City, China
Product	Serial (RS210RS485) Camera
Identification	Model No. : ZM-CAM-HL, ZM-CAM-FXT ZM-CAM-BQ, ZM-CAM-FST ZM-CAM-DR, ZM-CAM-OD ZM-CAM-QJ
Serial No.	N.A.
Trade Mark	N.A.

This certificate is based on ANBOTEX' S test results and other related test data provided by applicant. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of the RoHS Directive.

Product

Apr. 29, 2010  
Date

Certified by

Daniel Zhu  
Chief Executive Officer

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## ROHS Certification of Serial Camera

## External links

<http://www.rohsguide.com/>