

- Overview
 - Summary
- Inherent hazards
 - Hazards that are present as a result of the composition and construction of the product.
- Operational hazards
 - Hazards that are only present when the product is in operation.
- Servicing and Repair
 - Hazards that are present during servicing and repair.
- Disposal
 - Guidance for the safe disposal of product at end of life including environmental considerations.
- Material data
 - A breakdown of the material content of all product types covered by this Product Safety Data Sheet.



Overview

An L3C216 is a low light level video camera. Lens and power supply are provided by others, both being necessary to complete a camera system.

An L3C216 camera is generally safe when handled and used according to the guidelines included in this data sheet and the more comprehensive operations manual included on the CD supplied with the camera.

No special handling or processing is required for safe disposal or environmental protection.

Inherent Hazards

A very small quantity of liquid crystal material is included in the LCP shutter. Care must be taken when cleaning the front of the LCP shutter as detailed in the manual. There are no other hazards identified during the composition and construction of the product.

Operational Hazards

Case Temperature

When the unit is operated in low light conditions at high ambient temperature the case temperature of the unit may reach 50 °C.

e2v technologies (uk) limited, Waterhouse Lane, Chelmsford, Essex CM1 2QU United Kingdom Telephone: +44 (0)1245 493493 Facsimile: +44 (0)1245 492492
e-mail: enquiries@e2v.com Internet: www.e2v.com Holding Company: e2v technologies plc

Electrical Access

Some circuit board components and connections could be reached with metallic probes through the ventilation slots. There is nothing accessible in this way that could impart any discernible shock to the individual provided the camera is connected in accordance with the recommendations herein and in the operation manual. However, extensive damage could be imparted to the camera with indiscriminate probing through ventilation holes.

Servicing and Repair

There are no user-servicing adjustments or user replaceable components.

Decommissioning

There are no additional hazards associated with decommissioning.

Disposal

These products are classified under the WEEE Directive as "electronic and electrical waste".

Material Data

The following table of material data provides information to assist disposal in accordance with environmental regulations.

The analysis shown below is for the camera supplied by e2v technologies.

		Approximate Composition (% mass)												
	Mass (kg)	Aluminium	Copper	Stainless Steel	Silver (paint) Gold plating	Other metals	Mixed Electronic Material	Glass	Teflon Insulation	LCD Material	Silicone Rubber	Sapphire	Ceramic (not Beryllium Oxide)	PVC
L3C216	0.6	83	<1	5	Trace	0	8	0.5	0.1	Trace	0.5	0.2	0.1	Trace

In the event of encountering difficulties in disposing of these products, contact e2v technologies for advice.