

Edevis Lamp Controller 3 (3.6 kW) Datasheet



The compact lamp control unit **ELC 3M** from edevis is the central component of the OTvis 3600 lock-in thermography testing system. The ELC 3M can control up to two EHL halogen lamps and deliver a maximum output of 3.6 kW, limited to 1.8 kW per output. This allows for uncomplicated operation on single-phase 230V sockets with 16A fuses. The ELC 3M controls all system components (IR camera and halogen lamps) via a uniform user interface (edevis DisplayImaging software).

The following interfaces are available:

USB-C for communication with the measuring PC

Trigger connection for IR cameras

Power supply output for IR cameras (24VDC)

Sync connection for synchronizing multiple ESG devices

Power output for up to two lamps (maximum output power: 1.8 kW / output)

Commercial details

Item number	EDP 04.03.0010
Country of origin	Germany
Customs tariff number	85365003
Weight	2.0 Kg

Technical data:

Interfaces:	Host interface: USB-C Lamp outputs: 2 Synchronization interface: M8 connection Camera trigger interface: D-Sub 15P Power supply: 230V AC connection (single-phase)
Electrical connection:	230 VAC 50/60Hz, max. 16A
Current consumption:	16 A (max.)
Power consumption:	3.6 kW (max.)
Operating conditions:	5 °C to 40 °C ambient temperature

Protection class:	SK I
Housing:	Aluminum
Dimensions:	166 mm x 105 mm x 105 mm
Weight:	2 kg

edervis GmbH
Wilhelm-Haas-Str. 2
70771 Leinfelden-Echterdingen
Phone: +49 711 93307720
Email: info@edervis.de
Web: <https://www.edervis.com>

© edervis GmbH 2025. All rights reserved.

This data sheet contains expertise, ideas, and development work by edervis GmbH. All documents and information may not be copied, evaluated, reproduced, or made available to third parties in any way, either in whole or in part, without our permission. Details from this document are also subject to legal protection. Exceptions to this require the written permission of edervis GmbH.