

LUIS Edge AI Cam AHD

001201.AHD140.V2

Product data sheet

Version: 1.0





PRODUCT OVERVIEW

- › Resolution: 1920 x 1080 Pixel
- › Viewing angle: 140° horizontal
- › Object detection on the camera ("embedded") without additional ECU
- › Real-time person detection (<120 ms)
- › Individually customisable detection zones and warning mechanisms
- › Switchable image mirror function
- › Connector: 8-pin incl. adapter 5-pin and alarm trigger
- › Operating temperature: -40°C to +85°C*
- › Storage temperature: -40°C to +85°C
- › Protection class without connector: IP6k9k (ISO 20653)
- › Pressure equalisation membrane
- › Mechanical shock resistance: 500 m/s² at 6ms (according to ISO 16750-3:2012 Section 4.2.2)
- › Current consumption: max. 200 mA
- › Certificates: CE, ECE-R10, UKCA, FCC, REACH, RoHS

PURPOSE OF USE

- › Prevent personal injury
- › Angle of view for blind spots
- › Meet legal requirements (ECE R158)

DIMENSIONS & WEIGHT

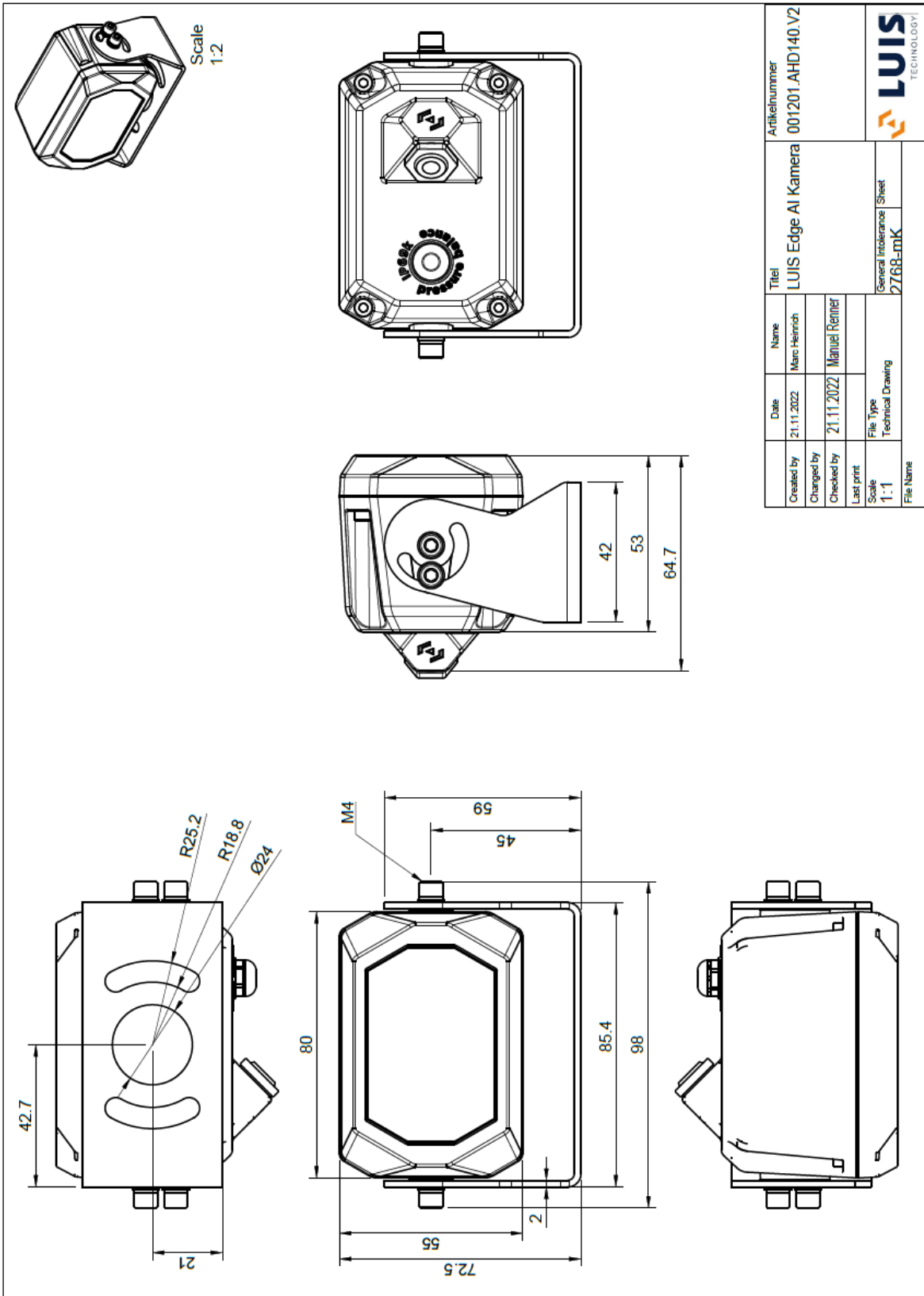
- › Dimensions (L x W x H): 80 x 64.7 x 55 mm
- › Weight: 500 g

SCOPE OF DELIVERY

- › LUIS Edge AI Camera
- › Connector: 8-pin incl. adapter 5-pin and alarm trigger
- › Camera bracket

*ISO 16750-4:2010

Note: Subject to change Version:
1.0



Note: Subject to change without notice.
Version: 1.0

OPTICAL SPECIFICATIONS

Resolution	1920 x 1080 Pixel
Video format	AHD
Vertical viewing angle	70°
Horizontal viewing angle	140°
Mirror function	Switchable
Microphone	No

MECHANICAL SPECIFICATIONS

Housing	Black/ powder coating
Bracket/ orifice	Steel
Weight	500 g
Connector plug	8-pin connector incl. 5-pin adapter and alarm trigger
Dimensions (L x W x H) (without. Accessories)	80 x 64.7 x 55 mm
Camera cable length	Approx. 0.5 m
Operating temperature	-40°C to +85°C (according to ISO 16750-4:2010)
Storage temperature	-40°C to +85°C
Protection class without connector	IP6k9k (ISO 20653)
Mechanical shock	500 m/s ² at 6ms (according to ISO 16750-3:2012 Section 4.2.2)

ELECTRICAL SPECIFICATIONS

Voltage	10VDC to 32VDC
Max. Current consumption	200 mA

CERTIFICATIONS

REACH
RoHS
CE
ECE-R10
UKCA
FCC

Note: Subject to change Version:
1.0

SCOPE OF DELIVERY

Article	Designation	Quantity
001201.AHD140.V1	LUIS Edge AI Camera AHD	1
n/a	Camera bracket	1
001204	Adapter cable 8 pin to 5 pin + alarm out	1
Optional		
n/a	Sun visor	1

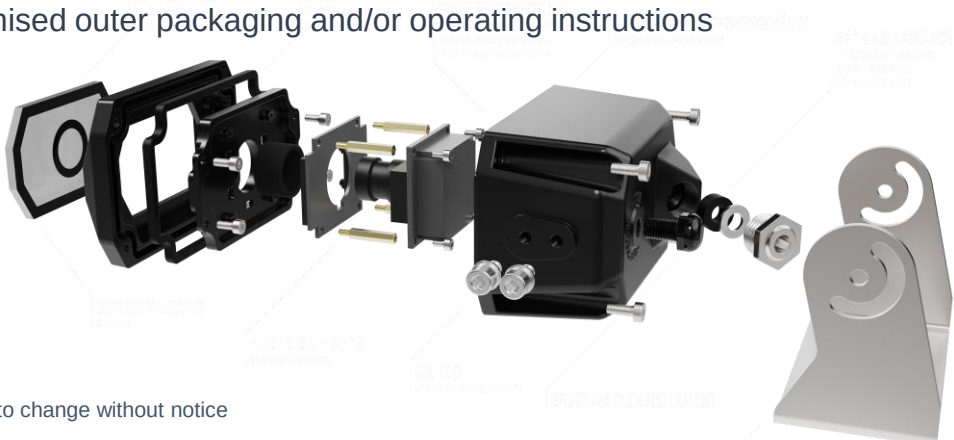
OEM CUSTOMISATION & ODM DEVELOPMENT

LUIS also offers OEM adaptations for the respective specific requirements on - also in small series.

LUIS also offers customised ODM developments according to the specifications of its customers. The possibilities of an ODM development range from the modification of the camera or monitor housing, through software programming, to the complete redesign of a camera monitor system according to your ideas. The ODM development is based on your specifications.

Your options for OEM customisation

- › Additional features of the camera such as voltage transformer
- › Alternative lens with specific aperture angle
- › Changing the picture reflection (front insert) or the TV system (PAL / NTSC)
- › Modification of the connector plugs or open cable ends
- › Individual cable length
- › Customised auxiliary lines (design and vehicle-specific measurement)
- › Individual customer logo or customised start screen
- › Individual housing colour of the camera
- › Customised outer packaging and/or operating instructions



Note: Subject to change without notice
Version: 1.0

DISCLAIMER

All information in the product data sheet corresponds to the current state of knowledge. LUIS Technology GmbH constantly checks and updates the information and reserves the right to make changes or additions to the information provided. Despite all due care, data may have changed in the meantime. Therefore, no liability or guarantee can be assumed for the up-to-dateness, correctness and completeness of the information provided.

Each user is responsible for ensuring that all relevant legal regulations are complied with and that the products described here are suitable for their intended use. The information on this product data sheet does not constitute a contractual guarantee of product properties. The reproduction of information, texts, images or data requires the prior consent of LUIS Technology GmbH.

LUIS Technology GmbH
Hammer Deich 70
20537 Hamburg
Germany

Phone: +49 (40) 89 72784-0
E-mail: service@luis.de

www.luis.de