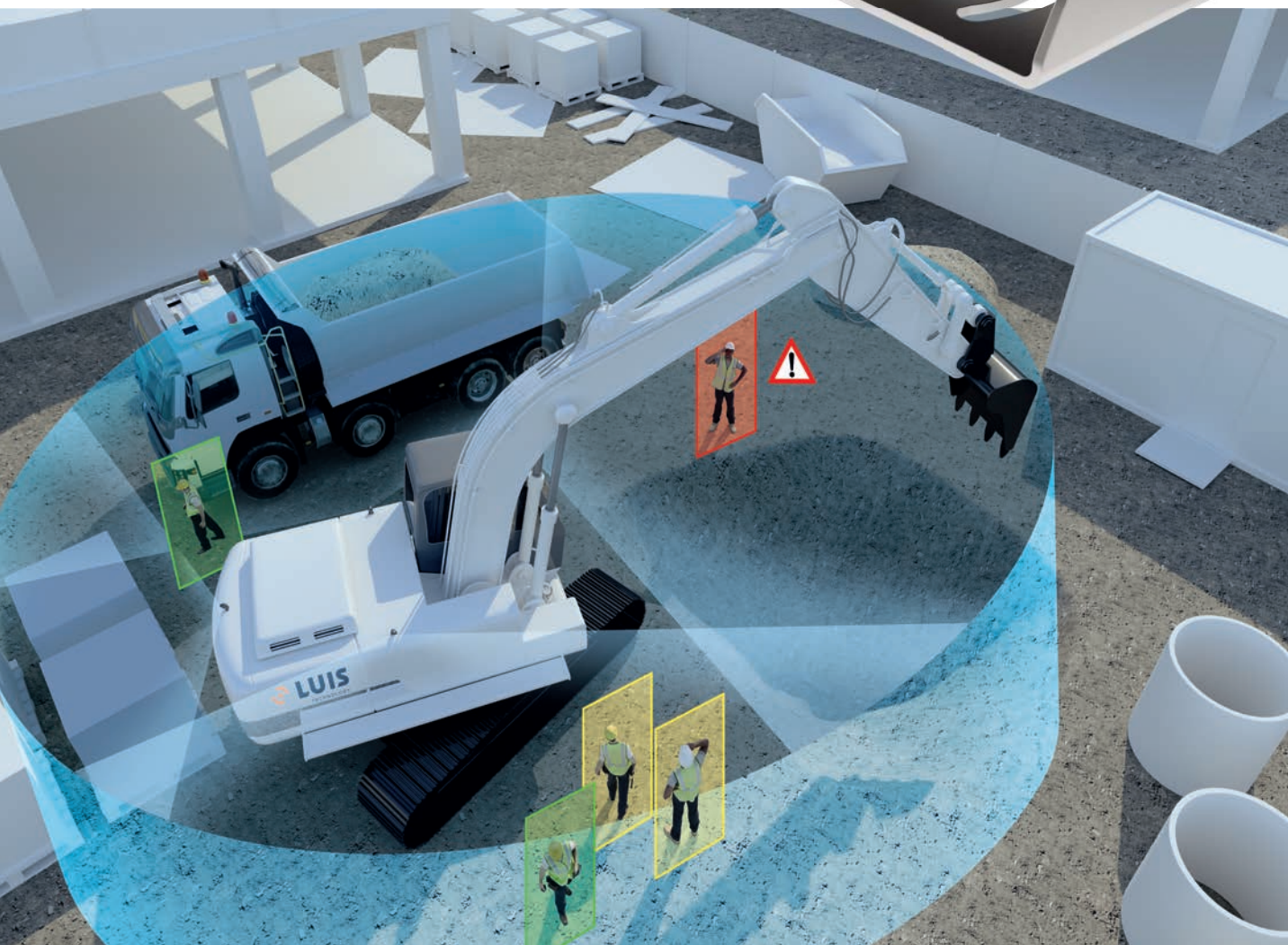


# LUIS Edge AI Cam AHD

001201.AHD140.V2

## Product data sheet





## 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/s<sup>2</sup> 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

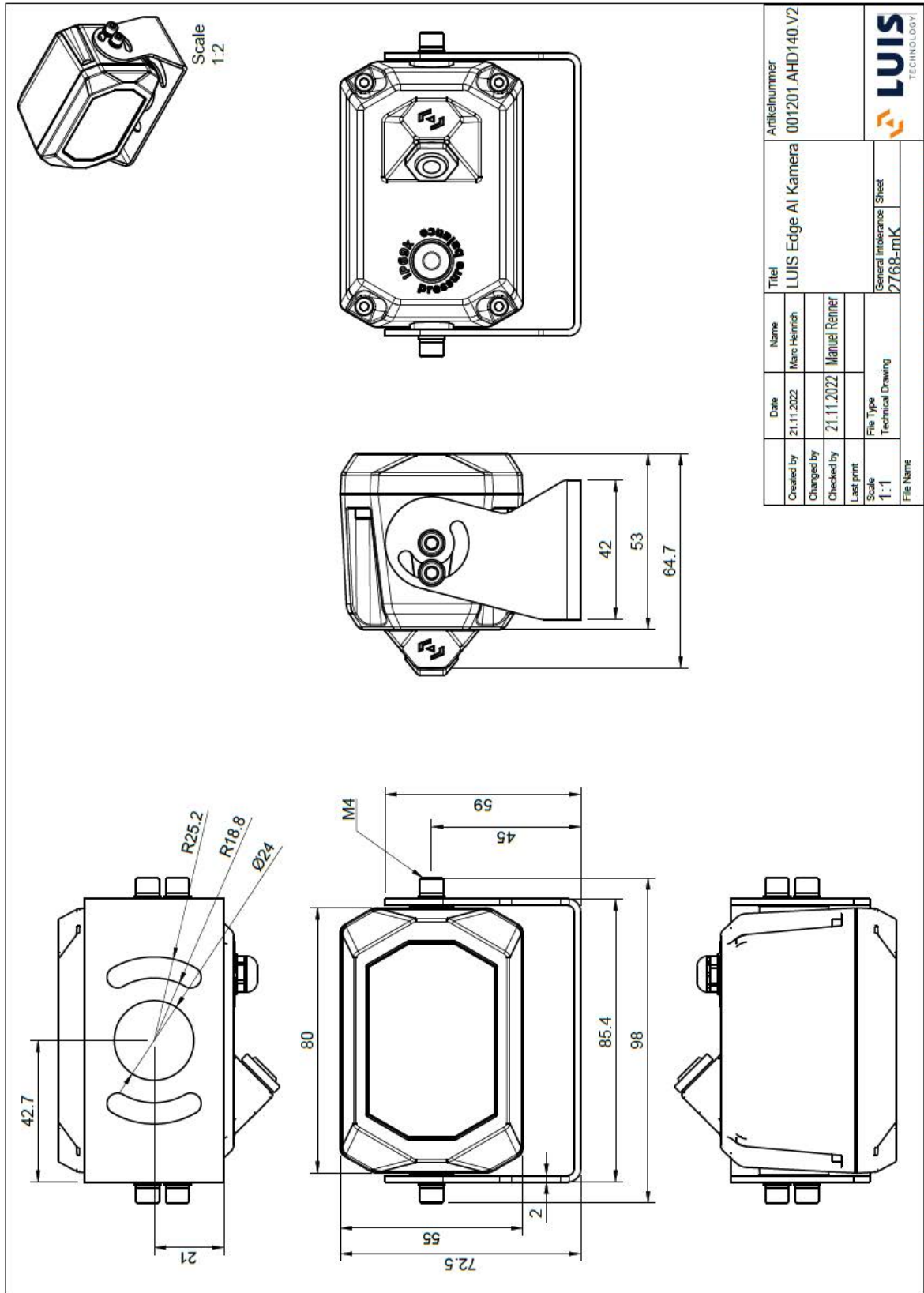
- › Prevent personal injury
- › Angle of view for blind spots
- › Meet legal requirements (ECE R158)

## 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



## 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)<br>(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<br>connector            | IP6k9k (ISO 20653)                                                        |
| Mechanical shock                                 | 500 m/s <sup>2</sup> 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     |