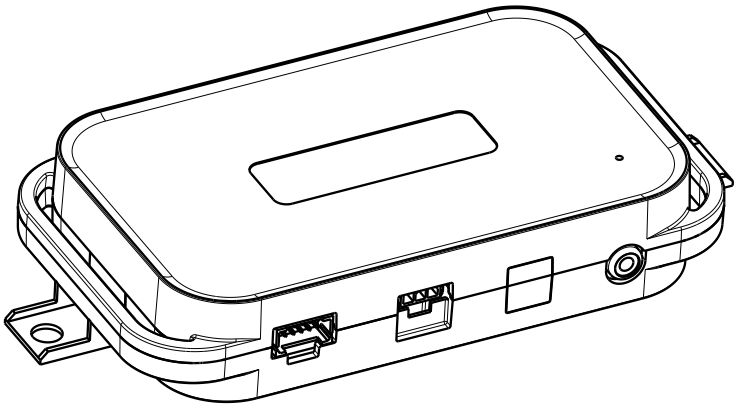
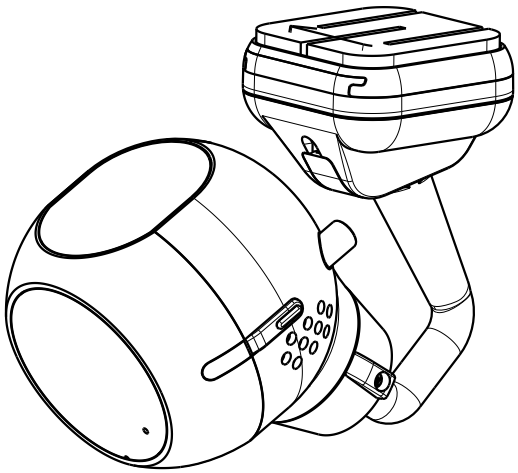
MDSM-22SA
Fatigue Camera
Product Specification

Brigade

Model Number:
MDSM-22SA (8291)





Package Contents

- 1 x MDSM-22SA Camera
- 1 x MDSM-22SA Main Control Box
- 1 x Main Cable
- 1 x Power Cable
- 1 x CAN Cable
- 1 x Bus & Truck bracket
- 1 x 3M Control Box Mounting Tape
- 1 x Camera Attachment Tape
- 1 x Camera fixing screw
- 2 x Control Box fixing screw
- 1 x Hexagonal wrench for MicroSD lock

Key Features

- Compact and simple to install
- Minimal obstruction for driver's view
- Built-in Speaker
- CAN connection
- Designed to protect the driver with timely alerts for:
  - ADDW features - Distraction
  - DDAW - Drowsiness - Yawning

Technical Specifications

- Power Input: 12V to 32V DC

OS:
- Embedded Linux

CPU:
- ARM Cortex A7 Quad-Core@1.1GHz

Memory:
- 512MB NAND Flash, 1GB DDR3

DSM Camera:
- 88 degree, HD

Interface:
- CAN

Overall Dimensions / Weight:
- Camera body excl. cable and bracket
  49.3 x 40.68 x 56.15mm / 244g inc. cable
- Control Box
  80.8 x 148 x 27mm / 127g

Environmental Specifications

- Operating Temperature:
  -20^{0}C to 70^{0}C (-4^{0}F to 158^{0}F)
- Storage:
  -40^{0}C to 85^{0}C (-40^{0}F to 185^{0}F)

Approved Standards

- CE
- ETSI EN 300 328 V2.2.2
- ETSI EN 301 489-1 V2.2.3
- ETSI EN 301 489-17 V3.2.4
- ETSI EN 50498:2010
- EN 62479:2010
- EN 50663:2017
- EN IEC 62368-1:2020+A11:2020
- EN IEC 62368-1:2014+A11:2017
- FCC
- FCC Part 15B, Class B
- ICES
- ICES-003, Class A
- E-Mark
- UNECE E11*10R06/03*11872*02
- R118
- E5*118R04/01*0092*01