

LUIS Mobile Data Recorder 2 HD Professional

910420.V1

Data Sheet

Version: 1.0





PRODUCT OVERVIEW

- › supports 2 x AHD camera inputs
- › supports SSD for main recording (max. 256 GB)
- › supports GPS and 3G/4G
- › has a built-in G-sensor
- › supports 1 x USB 2.0
- › Protection class: IP54
- › Operating temperature: -20°C to 80°C
- › 8-36 V DC
- › CE-Certificate, REACH, RoHS

APPLICATION PURPOSE

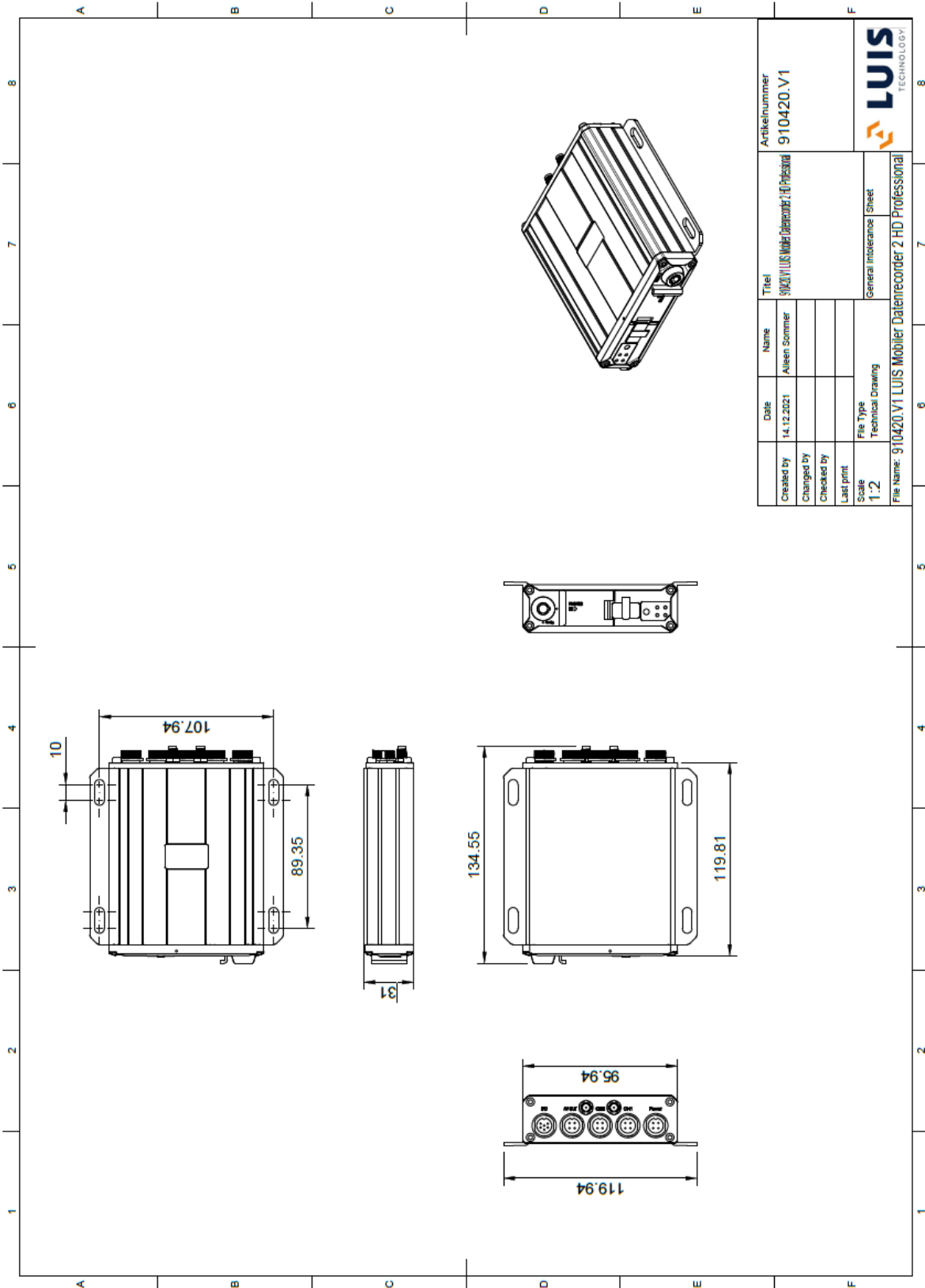
- › Preservation of evidence in the event of damage
- › Proof of provided services
- › Averting fraudulent claims for damage
- › Promotion of careful driving
- › Deterrence of theft
- › Location and live-connecting to vehicle from headquarters
- › Effective management of the vehicle fleet

DIMENSIONS

- › 117 x 120 x 29 mm (L x W x H)
- › 0,35 kg

SCOPE OF DELIVERY

- › Mobile Data Recorder 2 HD Professional
- › SD card 256GB
- › GPS and LTE antenna
- › Power cable
- › Serial cable
- › Key and remote control



Notice: measurement tolerance +/- 2% / Subject to change without notice
Version: 1.0

TECHNICAL SPECIFICATIONS MDR

VIDEO SPECIFICATIONS

Video Input	Supports 2ch 720P/1080p AHD camera record and playback simultaneously Total resource: 1080p@60fps
Video Output	CVBS video output: 4PIN aviation male connector
Video Display	Support 1-2 CH
Video Standard	PAL/NTSC
Image Compression	H.264/H.265 Main profile , PAL: 50fps 720P/1080P, NTSC:60fps 720P/1080P
Audio Input	2ch RCA
Audio Output	1ch RCA (4 PIN connector)
Record mode	Audio and video are recoding simultaneously
Image Format	720P/1080P optional
Video quality	8 levels image quality optional, 1 is the highest, 8 is the lowest
Video Compression	H.264/H.265
Audio Bitrates	40Kbps

MDR SPECIFICATIONS

Alarm input	2 alarm inputs
Alarm output	1 alarm output, (12V high-level)
RS232 port	1x RS232 port
USB port	1x USB2.0. type A female, front panel USB
3G/4G	Support built-in 3G communication module (HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA) optional, Built-in 4G communication module (FDD-LTE/TDD-LTE) optional
Wi-Fi	Support External WIFI Dongle
GPS	Support built-in GPS module (GPS & GLONASS module for option)
G-sensor	Built-in accelerometer G-Sensor
Storage	Support 1 SD card, up to 256GB
PC Client playback	Playback video file in the PC client
VSS management software	Support many functions by wireless network, such as video previewing, GPS Uploading, Alarm Uploading and Parameter Configuration
Upgrade	Support SD card / USB port local upgrading and VSS platform remote upgrading

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MECHANICAL SPECIFICATIONS

Housing	IP54
Connector type	4 PIN male for AHD camera
Dimensions (L x W x H) incl. accessoires	117 x 120 x 29 mm
Weight	0,35 kg
Operating temperature	-20°C to 80°C

ELECTRICAL SPECIFICATIONS

Voltage	8-36V
Power output	No 12V DC output from serial cable 12V DC from video output port
ACC detection	≤4V: take off ≥5V: take on

CERTIFICATIONS

ECE R10

CE

REACH (Declaration of conformity)

RoHS

SCOPE OF DELIVERY

Article	Name	Amount
910420.V1	LUIS Mobile Data Recorder 2 HD Professional	1
n/a	SD card 256GB	1
n/a	GPS antenna	1
n/a	LTE antenna	1
n/a	Power cable	1
n/a	Key	1
n/a	Remote	1

OEM ADAPTION AND ODM DEVELOPMENT

LUIS offers OEM services for various specific requirements, even in small series.

In addition, LUIS provide custom ODM services to our clients' specifications. Possibilities for ODM services range from modifying the camera or monitor housing with software programming (e.g., for monitor, app, client software) to a complete redesign of a camera-monitor system in accordance with your requirements.

In this case, ODM services is based on your requirements specification.

POSSIBILITIES AVAILABLE

- › Connector or open cable ends can be modified
- › Personalised cable lengths
- › Personalised customer logo or custom home screen
- › Custom overpackaging and/or operating manual

DISCLAIMER OF LIABILITY

All information contained in this installation and operating manual reflects the current standard of knowledge. LUIS Technology GmbH continuously reviews and updates this information and reserves the right to modify or amend the information provided. All due care notwithstanding, data may have been superseded since the time of its publication. We therefore cannot accept any liability for the currency, correctness or completeness of the information provided. It is the responsibility of each individual user to comply with all applicable legal provisions and to ensure that the products described herein are suitable for the intended purpose. Data and information provided in this installation and operating manual does not constitute a contractual warranty of the product features described. Any reproduction of information, texts, images or data is subject to the prior consent of LUIS Technology GmbH.

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