ADAS

FMx6 series GPS tracker and ADAS camera is a solution designed to avoid collisions and accidents with visual monitoring functionality

Driver safety

VIDEO & PHOTO BY REQUEST

Get requested photo or video from ADAS or set periodic image sending to the server to track and analyse events in real-time as well as monitor visual data (pictures or video) of events
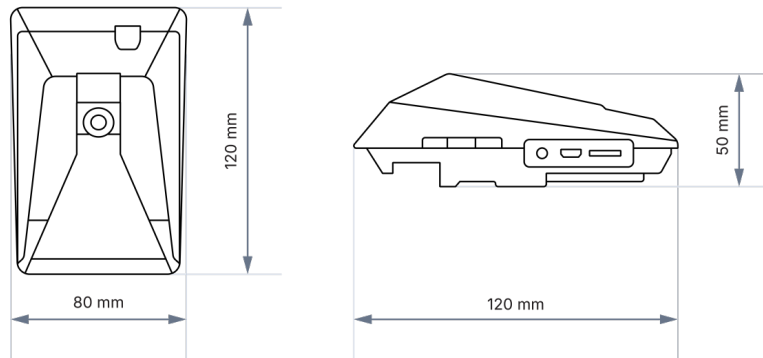
CONTACTLESS CAN BUS CONNECTIVITY

Many vehicles are available in database to use CAN bus for turn signals, brake and speed sense, etc. This way, a much faster installation is at hand for ADAS solution users.

PERIODIC PHOTO SENDING

Set periodic image sending to the server. Fleet managers and dispatchers will have the latest data and access to potential collisions or common mistakes on the road.

VIDEO RECORDING

For better investigation of different events you can request video and have full information what has happened before, during and after all events you are interested in

Suitable for

Supported by	FMC650*, FMB125, FMC125, FMB225, FMC225
	* Photos/videos available
	* For connection to FMC650 device, cable is included in the box.

Technical data

Camera resolution	1280 x 720 (HD)
Diagonal field of view	60°
Horizontal field of view	52°
Vertical field of view	30°
SD card	16 GB (included) up to 4 hours of video footage (max. 128 GB up to 85 hours of video footage)
Video encoding	H264

Physical specification

Dimensions	80 x 120 x 50 mm

Power

Input voltage range	9 – 36 V

Operating environment

Operating temperature	-20 °C to +70 °C
Storage temperature	-40 °C to +85 °
Operating humidity	Max 90 %

Interface

USB	USB 2.0 (for calibration)
CAN	CAN 2.0 (car signal – Left/Right, Speed, RPM, Brake)
RS232	Indicator TX/RX (for communication with FMx125,FMX225,FMX640 devices)

Features

Photo/Video	Using FMC650 you can request photo video from ADAS, or set periodical image sending to the server
PCW (pedestrian collision warning)	Notifies driver of any pedestrians, bicycles or motorcycles ahead
LDW (lane departure warning)	Helps to regain direction if the driver unintentionally departs lanes
FCW (forward collision warning)	Sends warning alerts if a crash is imminent to assist the driver in maintaining a safe traveling distance
FPW (forward proximity warning)	Notifies the driver if the vehicle moves forward while another vehicle is in the detection range, which can be set up at 1 m, 2 m, 3 m
FVSA (front vehicle start alarm)	Notifies the driver if the front vehicle started moving forward from 0 speed without the vehicle moving within 2 s
SDA (safety distance alert)	Attracts the driver's attention to keep the safe distance ahead by warning the driver (active from 30 km/h)
SLR (speed limit recognition)	Recognizes speed limit signs and provides warnings for over speed
DVR (digital video recorder)	Records scenes as HD resolutions into SD card before and after an accident (every minute in a loop)

Certification & approvals

Certificates	E-Mark, ECE R130, ECE R118, FCC Part 15, 56-3 EMC, KC (KN 41), MOLIT No. 2016-1053 [Annex 12], Euro NCAP Test Protocol - AEB VRU, JT/T 883, GB/T 33577, MOT Directive no. 142