Teltonika DualCam

ADVANCED TRACKER WITH DUAL CAMERA

Teltonika DualCam solution is perfect for capturing videos or pictures of the events that might occur on the road, e.g. crash. Mounted on the vehicle front window, two cameras are used, front and rear, to record videos before and after the events, take photos periodically or by request and send all data to the server. Besides, the innovative solution ensures the safety of passengers as recordings are made of what is happening inside the vehicle.

You can also get the videos or pictures on all scenarios, such as green driving, idling detection, unplug detection, towing detection, or geofence, by sending a request from server. Connected over RS232, trackers FMC125 with dual camera support High Efficiency Video Coding (H265) for a fast video file delivery. For an easy implementation with server, we prepared a universal communication protocol.

VIDEO SENDING TRIGGER

By Crash scenario, DIN1/DIN2 (panic button, seat belts and etc.)

VIDEO/PHOTO BY REQUEST

Available from both cameras with SMS/GPRS command

PERIODIC PHOTO SENDING

Automatically every configured period

Technical data

Supported by	FMC125, FMM125, FMU125, FMU126, FMB125
Day & Night Vision Effect	Day (Color), Night (Black & White)
Angle of View	Horizontal 120°, Vertical 70°
Dual Camera	Front and Rear (equal characteristics)
Camera casing dimensions	126.2 x 36.6 x 36.6 mm
Camera mounting	Sticky tape (3M) or screws
Certificates	CE, FCC, RoHS

Electrical parameters

Input voltage range	9-36 V
Working temperature and humidity	30C~85C Humidity<90%
Stand-by electric current	60 mA

Function parameter

Real time clock (RTC) synchronization	Available over FM (via NTP, NITZ or GNSS)
Picture resolution	1280 x 720 (default) (50KB transfer period 18 sec), Configurable: 160 x 120; 320 x 240; 640 x 480; 1920 x 1080
IR Distance	2 Meters
Cable length	RS232 (3.5 m)
Video compression	H.265
Video resolution	720P (20 sec. – 6MB, transfer period ~320sec.)
Video storage	2psc. MicroSD card (Max 64G up to 72 hours of video)