GF01/GF02 ● AI Dashcam

Datasheet

GF01/GF02

Intelligent Dash camera

Driver Behaviour

Emergency / Panic Button

Geo-fencing

Playback Stream

Dual Recording / Event Video Safety

Remote Monitoring

Product Summary

The GF01/GF02 Intelligent Dash camera (Dash cam) is a cost-effective and powerful 4G/LTE connected mobile video surveillance camera device especially designed for remote monitoring, safety and driver coaching. The GF01/GF02 uploads important incident and harsh driver behaviour footage automatically to the cloud to analyse and learn using driver coaching tools. Dual channel digital video recorders continuously record to the local storage (SD card) and also simultaneously can live stream remotely. The front-facing HD camera is used for real-time recording; while the in-cab view camera with IR LED for monitoring at night time.

Camera comes with optional AI powered Driver Monitoring System which replaces the second camera with DMS camera. This intelligent dash cam combines its power with fleetly platform to assists fleet owners manage fleet vehicles efficiently, improve performance and reduce operational costs.

The GF01 available in 3 variants to suite every vehicle type and available with European, Asian and Americas hardware options.

Key Features:

- **Dual Camera**

  Compact and sleek design, 4g/LTE connected dual-camera with loop recording inside and outside of your vehicle to provide video surveillance for safety and driver coaching.

- **Driver Behaviour / Eco-Driving**

Inbuilt 6-Axis accelerometer leveraging quality data collection on driver behaviour events such as harsh acceleration, harsh brake, harsh turning to help reduce incidents and improve fuel economy of your fleet.

➢ Emergency / Panic Button

The button event can be used for multiple use cases although the standard use case is an emergency. Button event by default upload footage to the cloud.

➢ Dual Recording and Event Video Safety

F4-Duo 1080p simultaneously records footage to both storage streams. Standard definition (SD) media recorded to inbuilt storage whereas high-definition (HD) media stored to TF SD card.

➢ Remote Monitoring

F4-Duo 1080p camera connects with native live stream media server to provide real time monitoring of video surveillance of a vehicle.

➢ Playback Stream

F4-Duo 1080p dash camera connects with playback media server which allows you to search recorded videos of approximately 23 hours of travel time.

➢ Geo-fencing

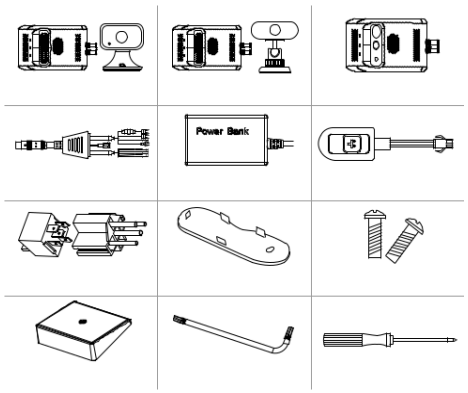
Fleetly platform geo-fencing module has advanced fencing features which allow fleet managers to draw fences on map and definite rules to get notified by preferred communication methods.

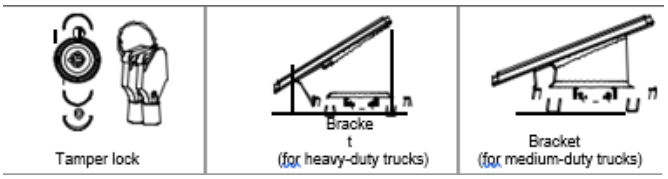
➢ Extensibility

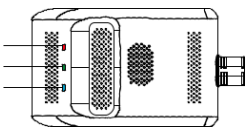
F4-Duo 1080p Camera comes with RS-232 I/O port to extend additional port to connect Driver ID, Fuel Sensor, Temperature sensor or load sensor.

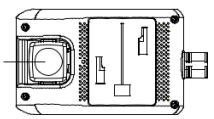
Package Includes:

Standard and Optional accessories









Camera Options

Technical Specification

Outward Camera		
	AHD (horizontal viewing angle)	140 degrees
	Standard Resolution	1080p
	Standard Frame Rate	25 FPS
	Video Format	H.264
Inward Camera		
	AHD (horizontal)	100 degrees
	Standard Resolution	720p
	Standard Frame Rate	25 FPS
	Video Format	H.264
Sensors		
	G Sensor	Accelerometer, Gyroscope (6- Axis)
	GPS Module	GPS/BDS/GLONASS
	Night Vision	Yes
Connectivity		
	Wireless	2.4 GHz 802.11b/g/n
	Bluetooth	Yes
	LTE Module	NA/EU/ASIA (GSM / WCDMA / 4G)
Hardware		
	CPU	ARM Cortex A53 @ 1.44GHz
	Built-in Storage	32 GB (ROM – LPDDR3 1GB)
	SD Card Storage	Max 256GB
	Battery/Power	DC 9v-30v
	External Battery	450mAh
	MIC & Speaker	Built-in
	W/H/D	109mm x 69mm x 52mm
	Weight	224g
I/O Configuration		
	ACC	Ignition Detection
	Relay	Immobilization (remote cut-off)
	Extended I/O	RS-232
Software		

	Operating System	Android
	Firmware	8.1 Go
Durability		
	Operating Temperature	-20°C to +70°C