CleverTEC

CONNECTING Ai

CTS40F
PRODUCT GUIDE

140°
Wide Angle

HD
1080P

Video Recorder

Aperture F2.0

6 Glass Lens

Summary

The CTS40F is the most advanced Android dual dash camera with revolutionary features inclusive of 1080p HD video, 4G connectivity and all the information required to professionally manage your fleet. CTS40F records Mileage, Routes taken, Idle vehicles, Driver league & Risk behaviour analysis.

INSTANT FNOR NOTIFICATIONS

CLOUD CAMERA   CLOUD MANAGEMENT   ACCESS ON DEVICES
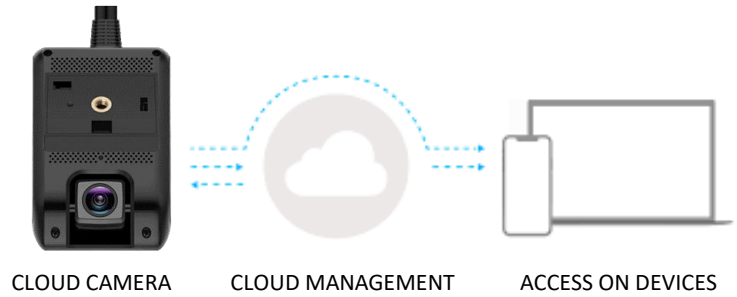
Complete Features

CAMERA

Full 1080p HD video with 140° viewing angle lens with an incorporated driver camera. Additional option of internal or rear 2nd camera.

LIVE VIEWING

View live footage of camera from any iOS or Android device.

GPS TRACKING

Live location updates and historical route tracking.

EVERYTHING CLOUD

Flexible easy to manage vehicle alerts function with complete fleet tracking, driver scoring, vehicle data plus more and all stored within your own cloud hub.

EVENT REPORTS

Produce in-depth reports including images, motion, location & speed data.

OUT OF HOUR ALERTS

Receive alerts if the vehicle is driven out of permitted times.

LTE CONNECTIVITY

With multi-network roaming as standard this product takes stability to a new level, resulting in virtually no connection dropouts unlike other connected Dashcams.
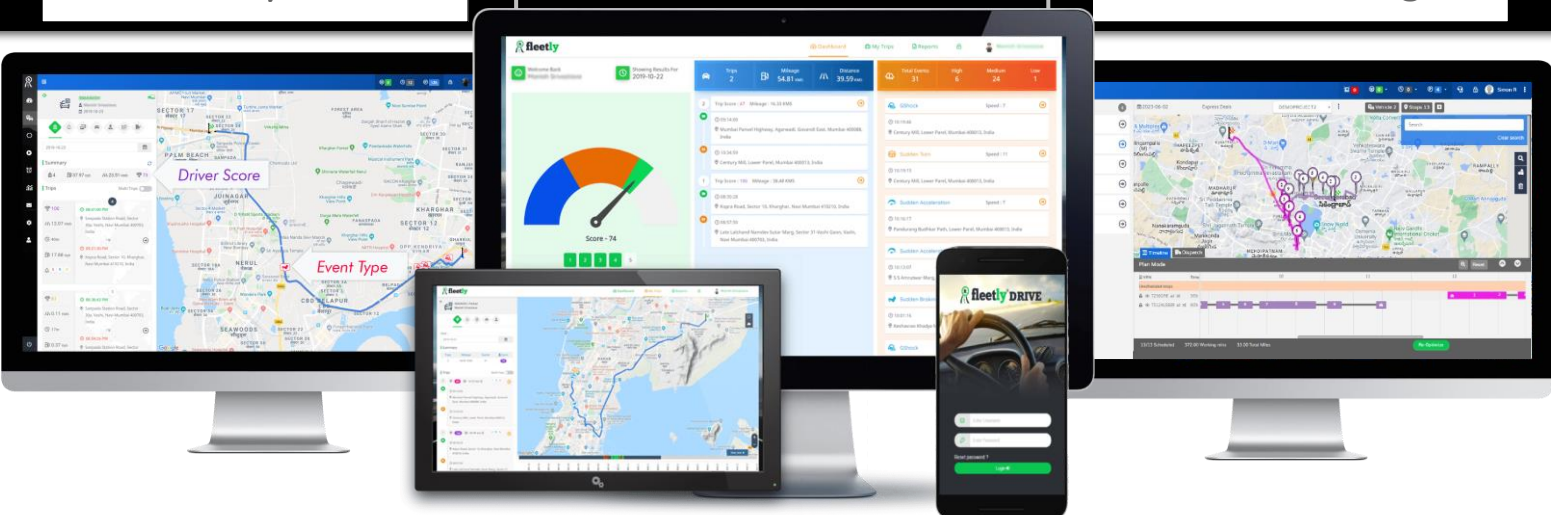
android
Operating Systems

WAKE UP FUNCTION

This is UK's first known Dashcam with "Wake Up". Footage retrieval is now possible on Powered down/Parked or even impounded vehicles.

| Driver Behaviour Analysis | Mobile App & Website | Route Optimization & Scheduling |

Incidents

Evidence

Our portal presents cutting-edge technology tailored to empower medium to large organizations in managing fleet risk and incidents with unparalleled efficiency and precision.

Contents in the box:

Forward Facing Dual Camera

GPS Antenna

Power Supply

Optional additions

Micro SD Card

Micro SIM Card

User Guide

2nd Camera Cable

Cable clips

Cable ties

Wiring diagram:
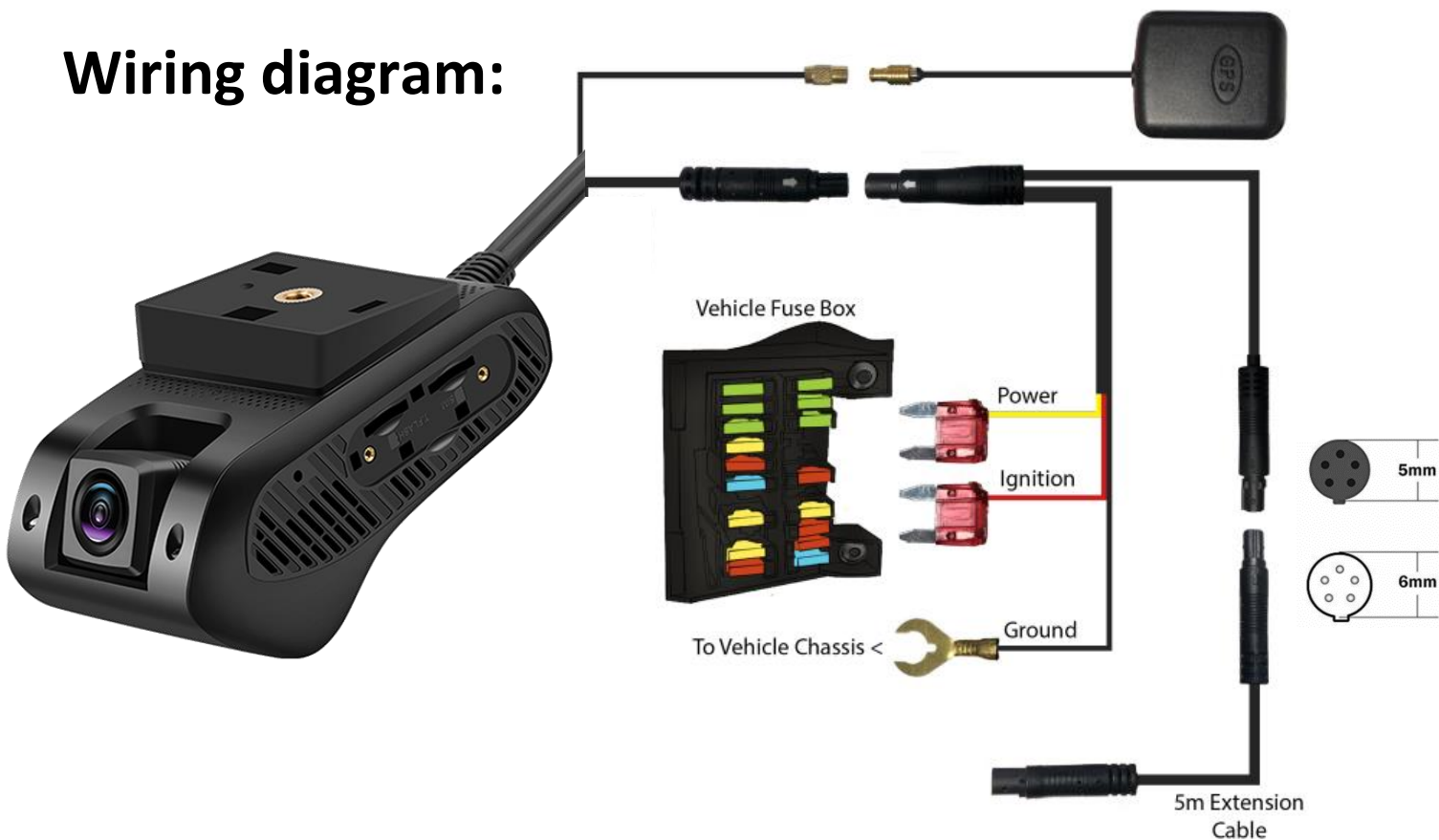
Vehicle Fuse Box

Power

Ignition

Ground

To Vehicle Chassis <

5mm

6mm

5m Extension Cable

Camera Details:
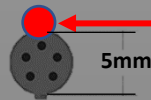
5mm

Camera Cable Power/Video Termination

Plate Mount for Adhesive Pad

GPS Antenna

Adjustable 2.8mm Lens 140° Pillar to Pillar view

Power Indicator

GPS Signal

4G Signal Status

Microphone & Speakers

Tamperproof SIM & SD Card Slot

Proportionate Heat & Air Vents

Optional Additional Camera

Camera Positioning:

Surface-mount Area
Offers a Firmer Grip

Car Windscreen

CTS40F 140° Front View:

2023-09-12 09:01:23
W:0.185921 N:51.135457
33km/h
354766190000727

Extended Features:

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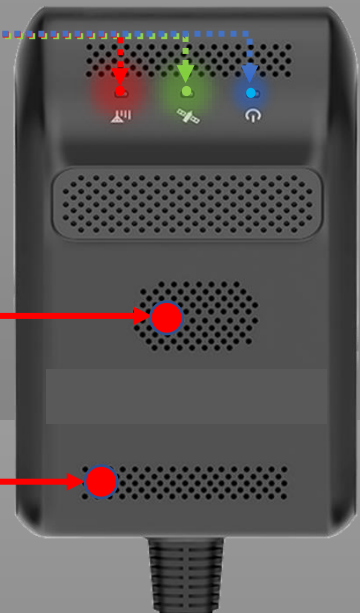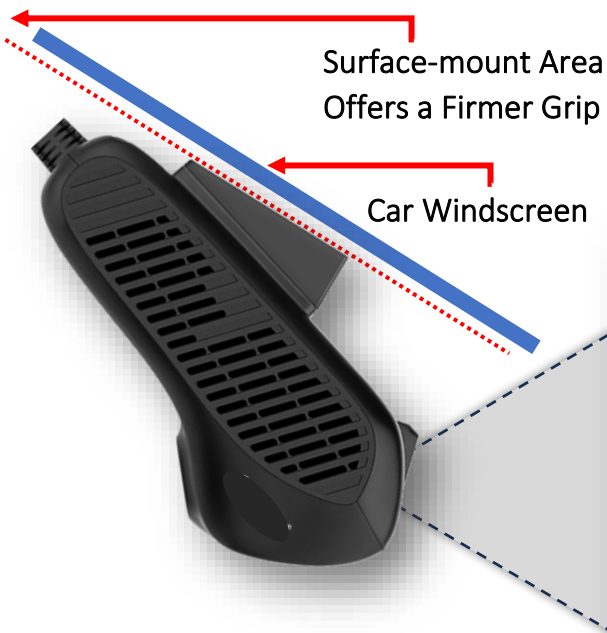
Compact and sleek design, 4g/LTE connected camera with loop recording inside and outside of your vehicle to provide video surveillance for safety and driver coaching.

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

CTS40F 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

CTS40F 1080p camera connects with native live stream media server to provide real time monitoring of video surveillance of a vehicle.

Playback Stream

CTS40F 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

CTS40F 1080p Camera comes with RS-232 I/O port to extend additional port to connect Driver ID, Fuel Sensor, Temperature sensor or load sensor.

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

> **WARNING!** The first time the camera is initialised it must be left to run completely without interruption or cut out for a recommended 10 minutes. This will allow the full configuration to communicate back to the server.

GPS Tracking	Geo Fencing	Live Tracking	Ignition Status	Panic Button	Remote Monitoring

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C O N N E C T I N G   A i

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