

Fleetview™ 4CH Mobile DVR

Industrial Quality Recording Solution



\\ FV501AI-4G

Four Camera Recording / Heavy Duty / Works with ViewtechAi™

The FV501AI-4G is a fully featured, fit for purpose mobile DVR with full remote access via the Fleetview™ Cloud platform.

The FV501AI-4G works with all Viewtech and ViewtechAi™ vehicle cameras, and all Viewtech monitors. This DVR can store up to 6 weeks* of video on a 512 GB SSD.

Applications

- › Road working, Construction & Mining
- › Port, Marine & Engine room monitoring
- › Transportation & Logistics
- › Traffic management
- › Agriculture & Forestry

Main Features

- › 4 camera high-resolution recording
- › Heavy duty protection and vibration ratings
- › Ai-powered Driver State Monitoring and Advanced Driver Assistance System
- › Large video storage capacity

Driver Fatigue and Driver State Monitoring (DSM)

Fatigued drivers suffer from impaired judgement, decision making and reaction times, and are less able to judge how tired they are increasing the risk of falling asleep at the wheel.

Fleetview™ DSM, in combination with a Fleetview™ Seat Vibration Motor, can rouse drivers when fatigue is detected and send alerts to fleet managers for immediate action, review and training.

The Ai system can also recognise other unwanted behaviours and send video clips to the Fleetview™ Cloud platform for review. DSM requires a driver-facing camera.

DSM can detect the following behaviours:

- › Fatigue
- › Distraction
- › Handheld device use
- › Not wearing seatbelt
- › Smoking / Vaping

Ai-Powered Advanced Driver Assistance System (ADAS)

With a forward-facing camera this unit can detect and warn drivers in the following situations:

- › Lane departure warning
- › Forward collision warning
- › Pedestrian collision warning
- › Following distance warning



Specifications

Camera inputs	4 × AHD 1080p
Video output	1 × CVBS
Connectivity	WiFi, 4G – Remote access, Live-view
Ai functions	Advanced Driver Assistance System, Driver State Monitoring
Physical	GPS, 6 Axis G-Sensor
Storage	2 × MicroSD + 1 × M.2 SSD
SIM card	1 × Standard SIM slot (supports eSIM)
Alarms	8 × Inputs, 2 × Outputs
Vibration	ISO 16750-3 5.9G
Dimensions	160 L x 150 W x 55 H (mm)

Physical Sensors

The built-in GPS module and 6-axis G-Sensor can send alerts and trigger video clip upload on the following conditions:

- › Harsh braking
- › Hard acceleration
- › Harsh turning
- › Shock / Impact
- › Speeding

ViewtechAi™ Pedestrian Detection

Fleetview™ mobile DVRs work with all ViewtechAi™ Pedestrian Detection cameras. Pedestrian detection events can be automatically sent to the Fleetview™ Cloud platform for review. With a VT-PA30 Pedestrian Alarm both driver and pedestrian can be alerted to potential dangers.

Works with:

ViewtechAi™

* Total video storage depends on the number of cameras and video compression.



3-5 YEAR
NZ/AU WARRANTY



24-HOUR
SUPPORT



ONLINE
ASSISTANCE



SMART
TECHNOLOGY



FIT FOR
PURPOSE

0800 888 324
viewtech.co.nz

Fleetview™ On-Board

Provide your operators with a 360° view of their working environment. Improve safety and efficiency with reversing and blind spot cameras, and Ai-powered Advanced Driver Assistance and Driver State Monitoring.

Fleetview™ Cloud

Fleetview™ Cloud is a platform for fleet managers and owners. It provides real time visual access to any camera in your fleet, GPS tracking of your assets, and notifications of events from a wide range of sensors and Ai-powered systems.

Save time and money by remotely downloading event videos and receive alarms on any kind of status that needs reporting

Reduce incident investigation time from weeks to days.

Fleetview™ provides a 360° view of your Fleet and its operations using the power of video.

Main Features

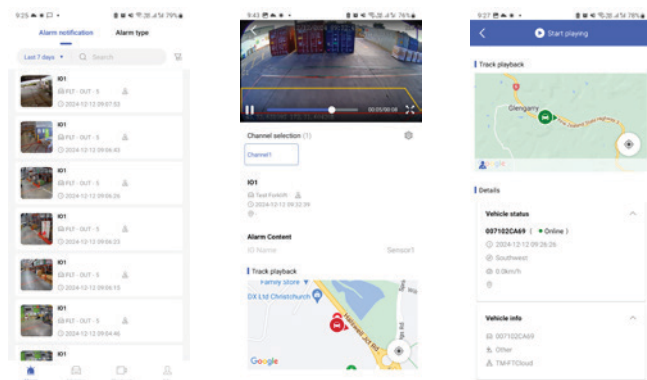
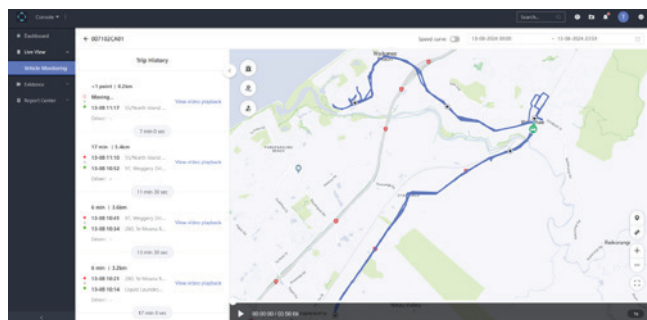
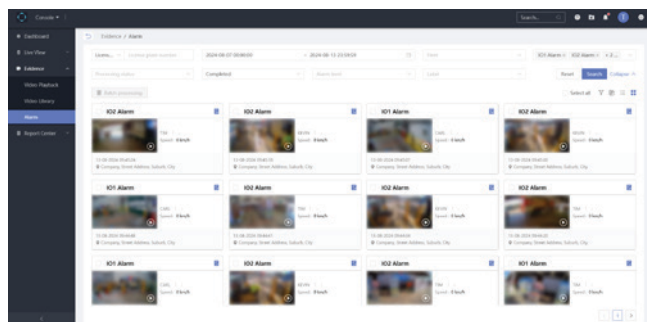
- ▶ Live view video from any camera in your fleet
- ▶ Replay and download HD event videos from anywhere
- ▶ Receive real time notifications from Ai-powered ADAS and DSM events, GPS and G-force sensor events, or from any electrical input from 3rd-party sensors or on-board systems
- ▶ Track the location of your fleet assets
- ▶ View detailed safety analysis reports
- ▶ Check system health remotely

Mobile App

The FT Vision mobile app provides remote access to Fleetview™ when, and wherever, you need it. Simply open the app, click on a vehicle and see real-time video, location, and alarm info. Enable push notifications to be alerted of incidents and behaviours as they occur.

Fleetview™ Check Tool

This tool allows Fleet administrators to setup and run diagnostics on DVR units using a phone, tablet or laptop. It allows easy access to view or back up footage, modify DVR configuration, and extract blackbox telemetry data.



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