



# SPRINT 360 CAMERA AND SENSOR SOLUTION

Four camera solution with an in-cab monitor, side scan and object detection, assisted by visual and audible warning. Everything you need for the safety of your fleet.

[thesprintgroup.com](http://thesprintgroup.com)

# 360 CAMERA SOLUTION

High definition in-vehicle CCTV recording for up to four cameras provides fleet operators with an effective way to monitor and manage their remote assets whilst in the field.

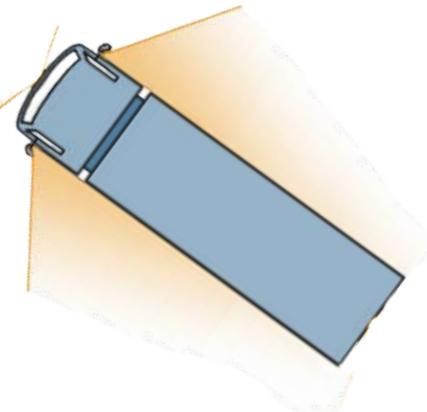
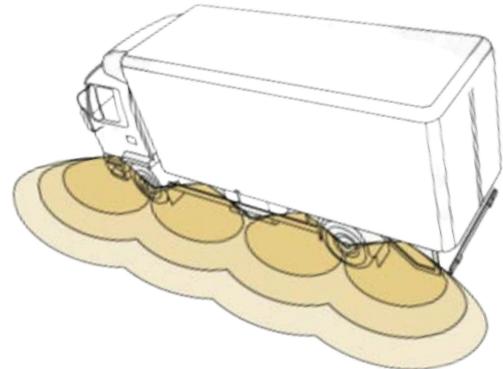
In the event of an incident and/or allegation, the HD recording system will aid in the investigation process whilst reducing potential cost and exposure.

In-vehicle CCTV delivers actual video footage in the event of a claim, encourages safer more fuel efficient driving, monitors driving behaviours and enhances the overall safety and security for the drive, the fleet operator and other road users.

The solution includes a built-in 3-axis G-Sensor, GPS, alarm input triggers, flexible and powerful storage using HDD or SSD (up to 2TB) and SD card backup storage (up to 128GB).

The main unit is slim and compact, only 7" x 7" X 2" and is connected directly to the vehicle's battery power and ignition for fully automated operation.

Connected is a dashboard mounted LCD display that provides the driver with a real-time 360' view of the interior and exterior of the vehicle.



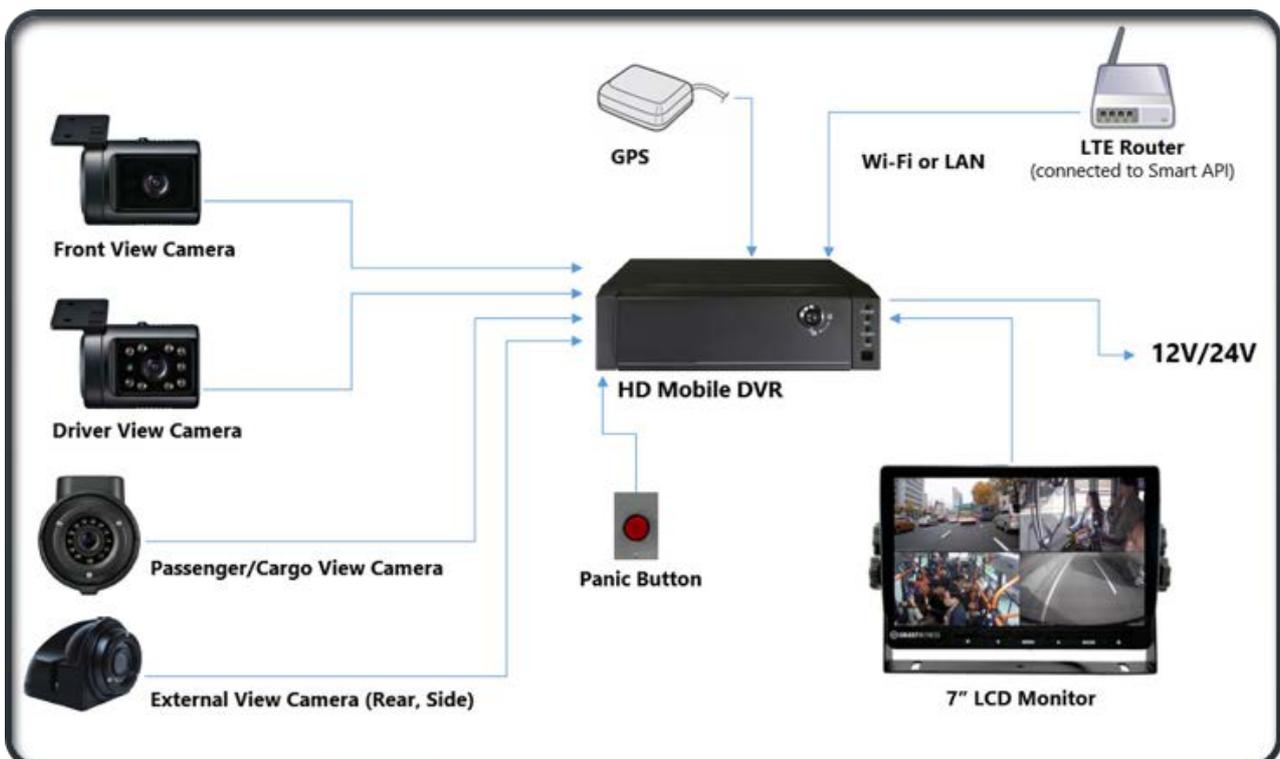
## Highlights

- Built-in 3-Axis G-Sensor
- Real-time 360' view of interior and exterior
- Flexible, powerful storage
- Slim and compact
- Full automated operation



# THE SET UP

- Up to 5 Megapixel recording supported
- Resolution adjustable from 5MP (2592x1944) to SD (720x480) and everything in between (Camera lens must support the set resolution)
- 240 FPS (frames per second) when recording at 720p (divided amongst all camera channels). 180FPS at 1080p and 24FPS at 5MP
- Various camera options available
- Dual Record mode (Continuous + Event)
- Optional Audio Recording
- Connects directly to vehicle ignition power, automated operation
- Tamper-resistant locking cover and secure cover for rear cable inputs; additional key required to remove SSD
- GPS data records full time to provide location data, vehicle speed, and accurate time/date
- Adjustable resolution & frame rate
- Alarm input triggers for advanced event recording
- Optional WiFi and/or 3G/LTE cellular connectivity for real-time video upload and live GPS tracking
- Battery backup included for recording and notification of incident in case of abrupt power loss



# THE IMPORTANCE OF VIDEO EVIDENCE

Why is it becoming more important for Commercial Fleets to cover themselves with video evidence of the situation at hand?

- Increasing insurance costs
- Defence against non-fault or fraudulent claims such as “Crash for Cash”
- Quicker settlement of claims / reduction in cost of claims
- Changes in the law regarding Directors responsibilities towards the safety of their staff, pedestrians, safety compliance and incidents in general. Driver behaviour training
- Lower costs associated with running a fleet, such as fuel and wear and tear
- General road safety

That's why it's vital to protect your fleet and employees with video evidence from a high quality camera and recording solution. Here are some of the features:

- PC Analysis Software Included
- Optional WiFi: transmits the pending events and location data once HD recording unit connects to a WiFi Access Point
- Request HD video on demand from anywhere
- Filter Data Search by Time/Date, Event, Vehicle Speed, G-Force level
- MP4 Conversion Tool. Data remains watermarked
- Privacy masking feature for blurring out faces or license plate numbers
- Google Maps Integration for route tracking
- Advanced driver behaviour analysis and reporting software



- Save and print event reports
- OTA software & firmware updates
- API available for integration with Telematics/AVL software
- With optional LCD monitor connected, view all camera channels at once, or playback recorded videos in the vehicle



# ULTRASONIC OBSTACLE DETECTION

## Blind spots



Reducing blind spots and improving driver visibility are important issues for operators of road-going vehicles.

Over the past few years, safety devices such as additional mirrors or camera systems that give wider viewing angles have become commonplace and even mandatory under blind spot legislation.

However, despite an increase in visibility, collisions with other vehicles, fixed objects, cyclists, workers and even pedestrians, remain high.



# CAMERA OPTIONS

## Front view camera

Due to the size and elevated driver positions of machinery and trucks, a blind spot often exists to the front. The HD forward facing camera with 7m cable is ideal for installing on a windscreen.

Front view camera benefits include:

- Meets the front view blind spot requirement
- Reduces front vehicle damage



## Rear view camera

The rear blind spot is a huge problem regardless of the size of the vehicle or machinery. A heavy-duty rear view camera is ideal for installing on the rear bumper, or above doors.

Rear view camera benefits include:

- Prevents costly reversing collisions with people, property or vehicles
- Reduces vehicle damage to the rear
- Assists safe and easier manoeuvring.
- Water resistant to IP69



## In-cab monitor

In-cab monitors are a vital part of the safety process, giving the driver essential information about the vehicle's surroundings. A heavy duty high resolution 7" LCD monitor is perfect for that all round view.

In-cab monitor benefits include:

- In-built image viewing options, including single/split/triple/quad and picture in picture
- Multi-camera display
- mount on dashboard or roof lining



# SENSORS

## Ultrasonic sensors

Ultrasonic proximity sensors minimise both vehicle damage and collisions with pedestrians, cyclists or objects.

Perfect for road-going commercial vehicles operating in confined spaces or manoeuvring at low speed.

The detection system alerts the driver of obstacles close to the vehicle, whether moving or stationary. An audible and/or visual in-cab warning informs of distance whilst an optional external speaking alarm can be added to alert cyclists and pedestrians that the vehicle is turning.

Left turn audio alarm and blind spot sensor system includes:

- In-cab display
- Speed / indicator
- Indicator interface
- Kill switch



## Sensor display and buzzer

### Ultrasonic Sensor Display

Alerts the driver to an object within the detection area using an audible warning and distance display.



### Ultrasonic Sensor Buzzer

Alerts the driver using an audible warning to an object with the detection area.



To see our system in action,  
for more information, or to  
arrange a free, no obligation  
demo, get in touch:

Sprint Group

e: [hello@thesprintgroup.com](mailto:hello@thesprintgroup.com)

t: 0330 128 9000



[thesprintgroup.com](http://thesprintgroup.com)