

# Mobile Digital Recording

**NEW**

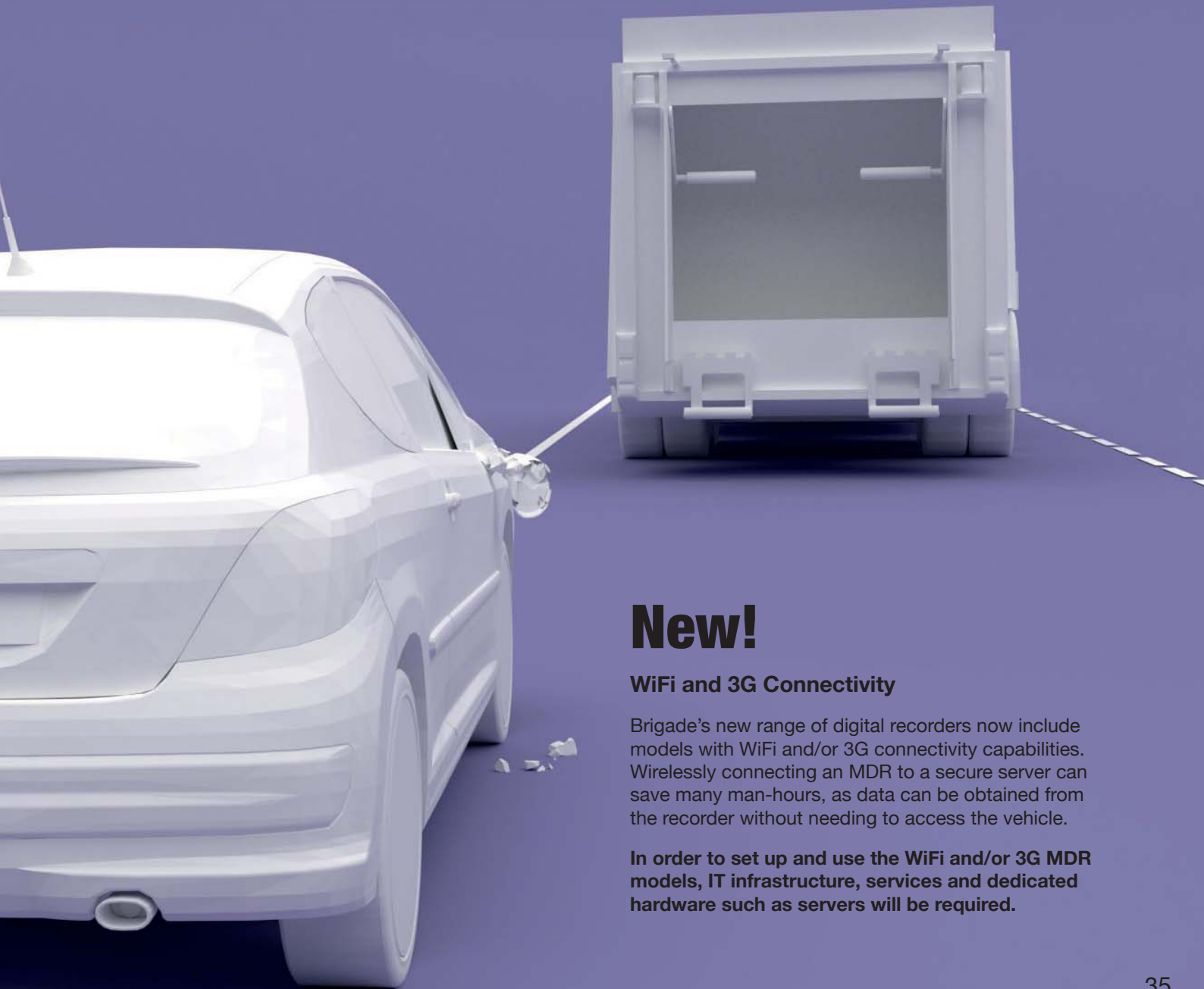
**BRIGADE**  
Vehicle Safety Solutions

**Mobile Digital Recording**

Available Brochure

By capturing footage from vehicle mounted cameras, mobile digital recorders provide an accurate witness, giving irrefutable evidence in the case of false claims, crash for cash incidents or vandalism. Disproving these claims means companies can make major cost savings, whilst importantly supporting their drivers, who are often the subject of increased scrutiny.

- False claim prevention
- Protection for drivers who may be wrongly accused
- Provides irrefutable evidence in the case of accidents and legal proceedings
- Useful in reducing shrinkage and catching perpetrators
- Driver training and best practice
- Peace of mind for passengers and drivers



## New!

### WiFi and 3G Connectivity

Brigade's new range of digital recorders now include models with WiFi and/or 3G connectivity capabilities. Wirelessly connecting an MDR to a secure server can save many man-hours, as data can be obtained from the recorder without needing to access the vehicle.

**In order to set up and use the WiFi and/or 3G MDR models, IT infrastructure, services and dedicated hardware such as servers will be required.**

## Model

## Part No:

### MOBILE DIGITAL RECORDER



<b>MDR-408-1000</b>	<b>- 8 channel 1TB hard disk recorder</b>	<b>4869</b>
<b>MDR-408GW-1000</b>	<b>- 8 channel 1TB hard disk recorder with Wi-Fi and 3G</b>	<b>4944</b>
<b>MDR-408G-1000</b>	<b>- 8 channel 1TB hard disk recorder with 3G</b>	<b>4942</b>
<b>MDR-408W-1000</b>	<b>- 8 channel 1TB hard disk recorder with Wi-Fi</b>	<b>4943</b>

- 9-32Vdc
- 8 camera inputs
- 8 trigger/alarm inputs
- Lockable and removable Mobile Caddy Unit
- Fast, easily downloadable recordings and data
- Size (WxHxD) 215 x 78 x 292mm
- 3 year warranty

#### Main Contents

- Mobile Digital Recorder with 2.5" 1TB SATA HDD
- Remote control
- Trigger cable loom
- GPS antenna
- Security key
- 64GB SD card
- Mounting bracket and screws
- 3G antenna (4942 & 4944)
- Wi-Fi antenna (4943 & 4944)

#### Features

- Remotely access MDR units using wireless (WiFi models only) and/or Mobile network (3G models only)
- Mobile apps for remote view (WiFi/3G models only)
- Robust aluminium housing
- Anti-vibration mounting allows for installation at any angle
- Built-in GPS
- Internal G-sensor
- Up to 1164 hours recording
- Recordings saved to hard disk (protected by non-visible digital watermark) and in-built Mirror recording onto SD card
- Recording modes: normal, alarm and timer
- Configurable alarm trigger settings (speed, optional G-force, motion detection, video loss, voltage)

- Record images prior to alarm activation and after vehicle switched off
- MDR-Dashboard (full player) and MDR-Player (portable) with Google and MS Bing maps (English only)
- Search by date, time or triggered events
- Multi-level password protected access
- Mobile Caddy Unit directly pluggable to PC via USB-B port
- Remote control
- 8 x trigger Inputs, 2x trigger outputs and 1x12V power output
- Built-in HDD heater
- TV System: PAL/NTSC

#### Image and Audio Quality

- High quality H.264 image compression
- ADPCM - audio compression
- Choice of 8 low to high resolution settings
- Record at between 1 and 25 frames per second, per channel

#### Power

- Power consumption: 12 Watts
- Current: 5.5 Amps

#### Durability & Standards

- Mechanical vibration: 1G
- Mechanical shock: 40G
- Operating temperature: -25 to +60°C
- EMC approved: E
- CE marked
- RoHS2 Compliant

### OPTIONAL EXTRAS



<b>AC-306</b>	<b>Connects 1 Select camera to MDR and monitor</b>	<b>4904</b>
<b>AC-307</b>	<b>Connects 1 Elite camera to MDR and monitor</b>	<b>4905</b>
<b>MDR-RP01</b>	<b>Remote status &amp; interface panel with panic button</b>	<b>4872</b>



<b>MDR-06RPC</b>	<b>6m cable for Remote status &amp; interface panel</b>	<b>4873</b>
<b>MDR-400-GS01</b>	<b>External G-sensor</b>	<b>4871</b>
<b>MDR-03GSC</b>	<b>3m G-sensor cable</b>	<b>4874</b>



<b>MDR-408-1000-MCU</b>	<b>8 channel caddy with 1TB HDD</b>	<b>4900</b>
<b>SD-32GB-IND</b>	<b>32GB industrial grade Class 10 SD card</b>	<b>4875</b>
<b>SD-64GB-IND</b>	<b>64GB industrial grade Class 10 SD card</b>	<b>4876</b>
<b>MDR-400-FPB-32</b>	<b>External SD Mirror-recorder in fireproof housing with 32GB industrial grade Class 10 SD card</b>	<b>4896</b>

### 3G/Wi-Fi UPGRADES FOR MDR-408-1000

<b>MDR-408GW-EXP-0</b>	<b>Wi-Fi &amp; 3G Expansion Module for MDR-408-1000</b> SD card not included	<b>5044</b>
<b>MDR-408G-EXP-0</b>	<b>3G Expansion Module for MDR-408-1000</b> SD card not included	<b>5045</b>
<b>MDR-408W-EXP-0</b>	<b>Wi-Fi Expansion Module for MDR-408-1000</b> SD card not included	<b>5046</b>

**Model**

**Part No:**

**MOBILE DIGITAL RECORDER**



<b>MDR-404-500</b>	<b>- 4 channel 500GB hard disk recorder</b>	<b>4868</b>
<b>MDR-404GW-500</b>	<b>- 4 channel 500GB hard disk recorder with Wi-Fi and 3G</b>	<b>4941</b>
<b>MDR-404G-500</b>	<b>- 4 channel 500GB hard disk recorder with 3G</b>	<b>4939</b>
<b>MDR-404W-500</b>	<b>- 4 channel 500GB hard disk recorder with Wi-Fi</b>	<b>4940</b>

- **9-32Vdc**
- **4 camera inputs**
- **8 trigger/alarm inputs**
- **Lockable and removable Mobile Caddy Unit**
- **Fast, easily downloadable recordings and data**
- **Size (WxHxD)**  
**190 x 75 x 212mm**
- **3 year warranty**

**Contents**

- Mobile Digital Recorder with 2.5" 500GB SATA HDD
- Remote control
- Trigger cable loom
- Power cable
- Video output cable
- GPS antenna
- USB A to B cable
- Security key
- 32GB SD card
- Mounting bracket and screws
- Installation guide & CD
- 3G antenna (4941 & 4939)
- WiFi antenna (4941 & 4940)

**Features**

- Remotely access MDR units using wireless (WiFi models only) and/or Mobile network (3G models only)
- Mobile apps for remote view (Wi-Fi/3G models only)
- Robust aluminium housing
- Anti-vibration mounting allows for installation at any angle
- Built-in GPS
- Up to 1164 hours recording
- Recordings saved to hard disk (protected by non-visible digital watermark) and in-built Mirror recording onto SD card
- Recording modes: normal, alarm and timer
- Configurable alarm trigger settings (speed, optional G-force, motion detection, video loss, voltage)

- Record images prior to alarm activation and after vehicle switched off
- MDR-Dashboard (full player) and MDR-Player (portable) with Google and MS Bing maps (English only)
- Search by date, time or triggered events
- Multi-level password protected access
- Mobile Caddy Unit directly pluggable to PC via USB-B port
- Remote control
- 8 x trigger Inputs, 2x trigger outputs and 1x12V power output
- Built-in HDD heater
- TV System: PAL/NTSC

**Image and Audio Quality**

- High quality H.264 image compression
- ADPCM - audio compression
- Choice of 8 low to high resolution settings
- Record at between 1 and 25 frames per second, per channel

**Power**

- Power consumption: 12 Watts
- Current: 6.9 Amps

**Durability & Standards**

- Mechanical vibration: 1G
- Mechanical shock: 40G
- Operating temperature: -25 to +60°C
- EMC approved: E
- CE marked
- RoHS2 Compliant

**OPTIONAL EXTRAS**



**AC-306** Connects 1 Select camera to MDR and monitor **4904**

**AC-307** Connects 1 Elite camera to MDR and monitor **4905**

**MDR-RP01** Remote status & interface panel with panic button **4872**

**MDR-06RPC** 6m cable for Remote status & interface panel **4873**



**MDR-400-GS01** External G-sensor **4871**

**MDR-03GSC** 3m G-sensor cable **4874**

**MDR-404-500-MDU** 4 channel caddy with 500GB HDD **4888**

**SD-32GB-IND** 32GB industrial grade Class 10 SD card **4875**

**SD-64GB-IND** 64GB industrial grade Class 10 SD card **4876**



**MDR-400-FPB-32** External SD Mirror-recorder in fireproof housing with 32GB industrial grade Class 10 SD card **4896**

**Model**

**Part No:**

## EVENT DATA RECORDER

**EDR-101-008 - Event Data Recorder**

**4505**



- **12-24Vdc**
- **1 in-built camera**
- **1 external camera input**
- **1 video output**
- **Fast, easily downloadable recordings and data**
- **Size (WxHxD)  
85 x 49.5 x 25.5mm**
- **1 year warranty**

**Contents:**

- 1x Recorder
- 1x GPS Antenna
- 1x Power cable
- 1x Mounting Bracket & adhesive pad
- 1x 8Gb Micro SD card
- 1x Micro SD to SD adapter

**Features**

- High definition video capture for clear incident recording
- 112° wide-angle camera lens
- 4 recording modes:
  - Normal
  - Event - shock sensor enables 10 seconds before and after an event to be recorded
  - Parking - movement engages event recording as above
  - Emergency - driver presses the function button
- Up to 4 hours recording on supplied micro SD card (supports up to 32Gb)
- Simultaneous normal and event recording
- Continuous recording with automatic overwriting of oldest data

- Audio function for additional event information
- GPS module for locating tracking
- Viewing software allows two cameras to be viewed, alongside speed, G-force levels and location
- Software allows still images (jpeg) to be created with embedded date and time

**Picture Quality**

- CMOS sensor
- Video resolution: HD + VGA 1280 x 720 pixels
- MPEG4 image compression allows high quality image resolution
- Choice of recorded image quality – low to high resolution
- Fast frame rate, 30 frames per second, for smooth images

**Durability & Standards**

- Mechanical vibration: 2.5G
- Operating temperature: -10 to +60°C
- CE self DoFC

## OPTIONAL EXTRAS



<b>EDR-101-LOCK</b>	<b>SD card security lock</b>	<b>4517</b>
<b>EDR-142C</b>	<b>Micro camera (5m built-in cable)</b>	<b>4514</b>
<b>EDR-101-VC</b>	<b>Video out cable</b>	<b>4511</b>
<b>EDR-101-CPC</b>	<b>Cigar lighter power cable</b>	<b>4510</b>