

MDR-600 Series

Recording Systems

MDR-644 and MDR-641

Incidents involving vehicles are time-consuming issues to resolve. Having recorded footage where there are conflicting reports of actual events or by being able to prove a staged accident, companies can make major cost savings whilst, importantly, supporting their drivers who are often the subject of increased scrutiny after an incident.

Brigade's MDR-600 series includes 1TB and 2TB HDD & SSD models. The MDR-644 range features 4 analogue and 4 IP camera inputs whilst the MDR-641 range includes 4 analogue and 1 IP camera input.

Both ranges include models with 4G connectivity capabilities*, allowing data to be accessed from the recorder without physically having to go to the vehicle.

- Records from up to eight cameras simultaneously
- Built-in GPS for recording speed and location
- G-sensor provides impact data and accelerating and braking
- Download data without physically going to the vehicle. (4G only)
- Supports AHD High Definition cameras and recordable Backeye®360

MDR-644



MDR-641



About us

Brigade Electronics is a market leader of safety devices, with solutions to suit all commercial vehicles and mobile plant. Our complementary range of safety devices help prevent collisions by assisting the driver whilst protecting workers, pedestrians and cyclists.

Mobile Digital Recorder 600 Series

8 channel 1TB hard drive recorder

Model Number: MDR-644-1-CMR | Part Number: 6570

8 channel 2TB solid-state drive recorder

Model Number: MDR-644-2-SSD | Part Number: 6585

8 channel 1TB hard drive recorder with 4G

Model Number: MDR-644G-1-CMR | Part Number: 6571

8 channel 2TB solid-state drive recorder with 4G

Model Number: MDR-644G-2-SSD | Part Number: 6586

8 channel 1TB hard drive recorder with WiFi & 4G

Model Number: MDR-644GW-1-CMR | Part Number: 6572

8 channel 2TB solid-state drive recorder with WiFi & 4G

Model Number: MDR-644GW-2-SSD | Part Number: 6587

- **Voltage:** 9-32Vdc
- **Camera Inputs:** 4 Analogue and 4 IP Camera
- **Supports up to 12 cameras using external PON switch**
- **Size (WxHxD):** 190 x 82 x 222mm
- **Triggers/Alarm Inputs:** Eight
- **Lockable and interchangeable storage unit**
- **Fast, easily downloadable recordings and data**
- **Warrenty:** 3 Years

Contents

- 1 x MDR-644 Mobile Digital Recorder
- Wired Mouse
- Input / Output Cable
- Power Cable
- GPS Antenna
- 4G Network Antenna (G & GW models)
- Wi-Fi Antenna (GW models)
- USB A to B Cable
- Security Key
- Bracket & Fixings

Features

- Remotely access MDR units using wireless (WiFi models only) and/or Mobile network (4G models only)
- Mobile apps for remote view (WiFi/4G models only)
- Geo-fencing (4G models only)
- Mobile Standards: 3G/4G
- Audio (cameras must have microphones)
- Robust aluminum housing
- Anti-vibration mounting for reliable recording
- Built-in GPS
- Internal G-sensor and built-in buzzer
- Recordings saved to hard disk (protected by non-visible digital watermark) and in-built Mirror recording onto 64Gb SD card
- Recording modes: normal, alarm and timer (all watermarked)
- Configurable alarm trigger settings (speed, 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 English only)
- Search by date, time or triggered events
- Multi-level password protected access
- Hard drive unit directly pluggable to PC via USB port
- 8 x trigger Inputs, 2x trigger outputs and 1x12V power output
- Built-in HDD heater

- MDR Control using USB Mouse or optional IR remote control
- USB 3.0 connection
- TV System: PAL/NTSC/AHD
- Compatible with Brigade's vehicle CCTV camera monitor systems, IP cameras and Backeye@360 systems

Image and Audio Quality

- High quality H.265 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

- Max power consumption: 80 Watts
- Current: 6.6 Amps

Durability & Standards

- Mechanical vibration: SSD 3.1G, CMR 1.5G
- Mechanical shock: 51G
- Operating temperature: CMR -40 to +50°C, SSD -40 to +70°C
- CE marked
- FCC approved
- E Mark
- IC approved



Visit our website **brigade-electronics.com** or scan the QR code for more information, individual specifications and to view our full range of safety solutions.

