NEW PRODUCT

CCTV Systems

BHD Series AI MDR

- Compatible with analogue high definition – 1080p.
- GPS location tracking, speed detection with time sync.
- Data is written to the SD card automatically in the event of hard disk failure.
- Real-time feedback can be provided to drivers using advanced AI that recognise on-road situations.
- Driver monitoring function when paired with optional DMC camera.
- LED status indicator for monitoring & diagnoses.
- Durable metal construction suitable for physically demanding applications.
- Lockable and removable 2.5" Crucial® solid-state hard disk.
- Environmentally sealed – IP69K.
- 2-year warranty.



Voltage :		10–32V
Current Draw :		4A @ 12V
Video System :		AHD
Compression :		H.264/ADPCM
Frames Per Second :	NTSC	1–30
	PAL	1–25
Max. Resolution :		1920 x 1080 FHD
Mirror Recording :		Yes
Network Connection :		GPS, WiFi, 4G, Ethernet
Hard Disk Capacity:		1TB/2TB
Interface :		RS232, RS485, CAN, RJ45, USB2.0, IR
Vibration :		MIL-STD-810G
Ingress Protection :		IP69K
Operating Temperature :		-20°C to 70°C

AHD IP69K 2Yrs

Lockable hard disk cover for security and protection

LED Status indicator



Recording Modes

The BHD series AI MDR features multiple recording modes including:

- Power-on Recording
- Schedule Recording
- Event Recording:
  - Reversing
  - G-sensor
  - Overspeed
  - Radar & Motion Detection
- Cycle Recording
- 15 Seconds Pre-recording
  - AI Triggered
  - Driver Monitoring System
  - Proactive Driving Assist
  - Triggered Alarm 1–6

AI Powered

The BHD series AI MDR can identify various objects and subjects on the road, including vehicles, humans, motorcycles and bicycles.

The detection zones are configurable, allowing customization to specific operator needs, enabling the system to alert drivers of potential hazards and trigger recordings of any incidents.



Additionally, the MDR can detect and monitor driver behaviour using advanced AI technology when pairing with an optional **Driver Monitoring AI camera**.

It analyses the driver's body, eye movements, and facial expressions to identify signs of fatigue, distraction, or any other abnormal behaviours.

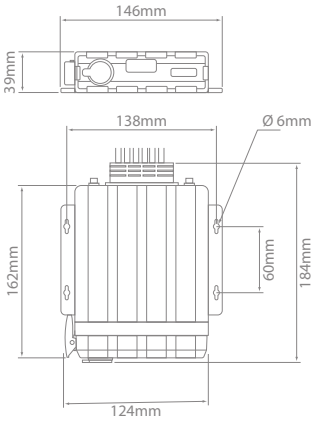
This feature can then alert the driver to take a break or adjust their driving behaviour to improve safety on the road.



NEW PRODUCT

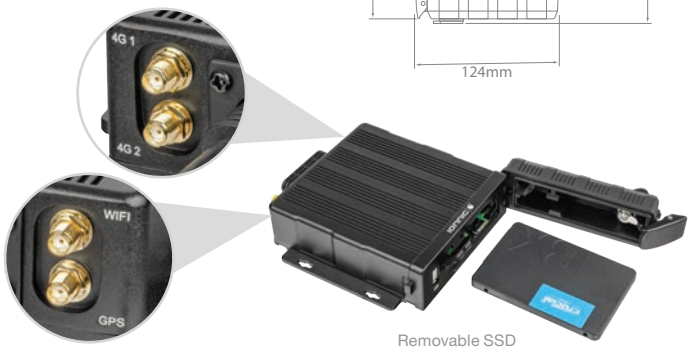
CCTV Systems







User friendly on-screen UI



Removable SSD

BHD Series AI Mobile Digital Recorder

Part No.	Channels	Hard Disk Capacity	Triggered Inputs	Alarm Outputs
MDR-51000AI	4	1TB	4 + 2*	1 @ 700mA
MDR-52000AI	4	2TB	4 + 2*	1 @ 700mA
MDR-62000AI	8	2TB	4 + 2*	1 @ 700mA

Includes remote control, all-in-one (GPS, WiFi, 4G) antenna, power and adaptor cables.
*Reserved for Reverse and Brake.



MDR-135DMC

By using infrared emitters and sensors, the MDR-135DMC camera is able to detect the driver's face and eyes at night or through polarised sunglasses.





MDR-5PB



MDR-CA64



MDR-CP51



MDR-U2S

BHD Series AI Mobile Digital Recorder – Accessories

Part No.	Description
MDR-135DMC	AI Camera – Driver Monitoring. 500mm Cable
MDR-5PB	Panic Button. 3m Cable
MDR-CA64	Video Signal Cable – 6 Pin to 4 Pin. 2m
MDR-CP51	Power Cable. 2 x 5A Fuse. 500mm
MDR-U2S	Adaptor Cable – USB 3.0 to SATA, for transferring hard disk files to a PC. 150mm