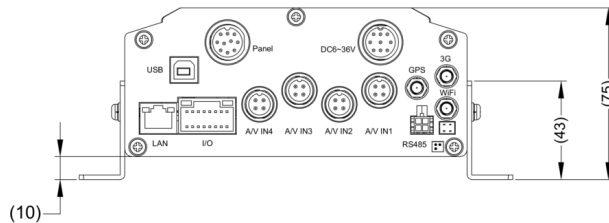


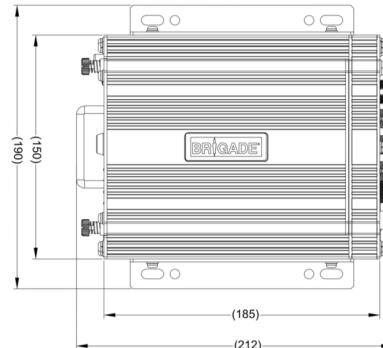
Product Specification

Brigade Model Number: MDR-404-500 / MDR-404GW-500 / MDR-404G-500 / MDR-404W-500

Brigade Part Number: 4868 / 4941 / 4939 / 4940



Dimensions: mm



Product Specification

Environmental Specifications:

- Shock Rating: 40G
- Vibration Rating: 1G
- Operating Relative Humidity: 10% to 90%
- IP Rating: IP30
- Operating Temperature: -25° to +60°C
- Storage Temperature: -40° to +70°C

Approved Standards:

- CE
- E Mark (UNECE Regulation 10 Rev 04)
- RoHS2
- FCC
- WEEE
- IC (G and GW models)

Technical Specifications:

- Operating Voltage: 9-32 Vdc
- Max Current Consumption: ≤6.9A @ 9Vdc
- Power Consumption: ≤12 Watts @ 12Vdc
- TV System: PAL/NTSC
- Video Input: 4x Select Connectors (Male)
- Audio Input: 4x Camera Microphones
- Video Output: 1x Select Connector (Female)
- Audio Output: 1x Channel
- Video Input/Output: 1.0 Vp-p / 75Ω
- Video Compression: H.264
- Audio Compression: ADPCM
- Installation Direction: Internal HDD anti-vibration mount allows any mounting direction.
- Housing Material: Extruded aluminium
- Weight (Control Unit Only): 2.2kg
- Dimensions (Without cables): 190mm (W) x 212mm (D) x 75mm (H)
- Power-up Time to Rec.: 72 seconds
- Display Split: 1 to 4
- Image Frame Rates: 1-25 FPS (PAL); 1-30 FPS (NTSC)
- Image Resolution: PAL: D1 (704x576), HD1 (704x288), CIF(352x288)
NTSC: D1 (704x480), HD1 (704x240), CIF (352x240)
- Recording Quality Setting: 1 to 8 (1 is the highest)
- Recording Duration:
 - Min. 142 hours (Quality 1; Res. D1; 25/30fps)
 - Typ. 1164 hours (Quality 8; Res CIF; 25/30fps)
 - Max. 1862 hours (Quality 8; Res CIF; 1fps)
- Storage: 500GB 2.5" SATA HDD, 32GB SD
- Mobile Standards: 2G / 3G (G and GW models)
- SIM Card: Standard size and Data Enabled (G and GW models)

- Mobile Operating Bands: WCDMA/HSDPA/HSUPA/HSPA+ and GSM/GPRS/EDGE (G and GW models)
- Wireless Standards: 802.11n/g/b (W and GW models)
- Wireless Security Standards: WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (W and GW models)

Features:

- Remotely Access MDR units using Wireless Connectivity and/or Mobile Network Connectivity and Upload Evidence to Servers. Real-time alerts of HDD malfunctions and video loss. See MDR-Dashboard features below (G, W, or GW models only)
- MDR-Dashboard 2.0 (full-featured software) has the following functions: Real-time preview, Multi-vehicle monitoring, playback of server and local video data, downloading data, evidence management, auto-download scheduling, user data management and alarm centre. *Features are model dependant.
- Mobile applications for remote live view and snapshots on iOS and Android systems (G, W, or GW models only)
- OSD Graphical User Interface in the following languages: English, Russian, Spanish, Polish, Turkish and Portuguese
- MDR control using IR Remote Control
- MDR-Player 2.0 (portable) is able to view clippings and directories
- MDR Server 1.0 enables Windows PC to become Wi-Fi Servers and/or 3G servers (G, W, or GW models only)
- Mirror Recording onto SD card
- Lockable and removable Mobile Caddy Unit
- Mobile Caddy Unit directly pluggable to PC via USB-B port
- Various Pre and Post Recording Settings
- Recording Modes: Normal, Alarm and Timer (all watermarked)
- Multi-level password protected access (Administrator; Power User; User)
- 8x Trigger Inputs, 2x Trigger Outputs and 1x 12V Power Output
- Built-in HDD Heater and LED Status Panel
- USB-A port for upgrades, configuration and export data

Package Contents:

- 1 x MDR-404XX-500-CU Mobile Digital Recorder
- 1 x MDR-RC-01 Remote Control
- 1 x MDR-404-TRIG Trigger Cable Loom
- 1 x MDR-400-PC Power Cable
- 1 x MDR-400-VOC Video Output Cable
- 1 x MDR-ANT-GPS-01 GPS Antenna
- 1 x MDR-ANT-3G-01 3G Antenna (G and GW models)
- 1 x MDR-ANT-Wi-Fi-01 Wi-Fi Antenna (W and GW models)
- 1 x MDR-USB-B-01 USB A to B Cable (2.0)
- 1 x MDR-KEY-01 Security Key
- 1 x MDR-400-BKT Bracket and 4 x M4x8 Fixing Screws
- 1 x MDR-400-IG Installation Guide
- 1 x MDR-400-CD Installation CD

Optional Accessories:

- 1 x MDR-RP-0X Remote Status & Interface Panel with Panic Button
- 1 x MDR-GS-0X External G-Sensor

