



# MDVR6002

## DIGITAL VIDEO & DATA RECORDER



### NEW FEATURES INCLUDE:

- ▶ Solid State Drive for fast, rugged and reliable storage.
- ▶ Optional built-in WiFi & RF900 Modem to connect with TME's **HandsFREE™** wireless data transfer application.
- ▶ GPS-enabled to work with our **MiniTRACK™** application, allowing you to review the path of the vehicle, speeding, idling, stops, and more.
- ▶ New dash-mount option for simple clutter-free installation.

### PRODUCT OVERVIEW

TME's introduction of the **6000Series** marks the beginning of the All-Digital Era for Digital Video Recorders.

Packed with the latest technology and premium features normally found on high end DVR's, the **mDVR6002** has brought digital video performance and made it available to those whose only option was VHS.

With the **mDVR6002** offering rugged solid state storage, and high-resolution video—TME has truly delivered unmatched value in a compact package.

Our DVR's are more than just a video system: With the ViewTrack line, you can customize your system with enhanced management features for a total, all-in-one fleet management solution.

### HIGHLIGHTS

- Separate Audio Channel for each Video Channel
- Solid State Drive, for rugged and reliable data memory/storage
- No ventilation fan, prevents dust build-up, for more reliable operation
- Rugged solid-state storage, with USB 2.0 Plug & Play
- No extra office hardware or software required for playback
- Event-Marking Button for easy event reviewing
- H.264 (modified) Video Compression for better storage capacity
- Input Sensors for lights, brakes, doors, etc.
- 704x480 recording resolution for crystal clear images on all channels
- GPS-ready (600W series) for recording speed & location data
- Low power consumption means cooler operation
- Snap Connectors and small footprint makes installation easy

**Engineered specifically for Wireless, Mobile, and Harsh-Environment Applications**



6185 Danville Road  
Mississauga, Ontario  
Canada, L5T 2H7

Telephone: 1-888-625-6364  
Fax: 905-362-8093  
Internet: [www.tme-inc.com](http://www.tme-inc.com)



# MDVR6002 SPECIFICATIONS

## FEATURES

## mDVR6002 L Specifications

## mDVR6002 W Specifications

Recording Channels	2 Video and 2 Audio	2 Video and 2 Audio
Recording Video resolution	High Quality Video	Selectable up to 704 x 480
Recording Frame Rate	30fps per channel	Selectable up to 30fps per channel
Compression Technology	Modified H.264	Modified H.264
Video Quality setting	Medium, High, Very High	Medium, High, Very High
Storage Medium	Removable Solid State Drive, Optional 160Gb HDD	Removable Solid State Drive, Optional 250Gb HDD Solid State Redundant protection (multiple storage units)
Recording Capacity	30 hours to 300+ hours	80hours to 300+ hours
Door Lock to secure Removable Storage Device		Yes
Auto Overwrite		Yes
Auto Retrieve Event/Marked video using USB Flash Memory	Yes, Automatically retrieval event marked video/audio, with USB Memory stick, there is no user intervention	Yes, Automatically retrieval event marked video/audio, with USB Memory stick, there is no user intervention
Network Interface	10/100Base-T on RJ45 on the front panel	10/100Base-T on RJ45 on the front panel
Wireless Data Upload and System Health Report	N/A	Yes, Built in WiFi 802.11b/g, Supports HandsFree™ wireless with automatic upload of marked and requested video clips; and system health/status
GPS	N/A	Yes, Built in GPS receiver, active antenna with 15' cable, Supports MiniTrack application
Video & Audio out port	Yes, for easy camera setup	Yes, for easy camera setup
Locked Event/Marked video clips	Yes, Event marked video clips are locked and will not be erased until they are retrieved from the DVR using USB Flash Memory.	Yes, Event marked video clips are locked and will not be erased until they are retrieved from the DVR using USB Flash Memory.
User Interface	Web browser with full control, setting and password protection	Web browser with full control, setting and password protection
Battery Back up	Real Time Clock battery support up to 10 years of data retention	Real Time Clock battery support up to 10 years of data retention
Delay shut down timer	Yes, user selectable from 1s to 3600s	Yes, user selectable from 1s to 3600s
OSD (On Screen Display)	Date and Time, Vehicle Name, Camera Name User selectable sensor status	Date and Time, Vehicle Name, Camera Name User selectable sensor status
OSD Sensor input names	Yes, each sensor can be configured with alphanumeric name	Yes, each sensor can be configured with alphanumeric name
DVR Name	Alpha Numeric name starting with a letter	Alpha Numeric name starting with a letter
Temperature protection	Smart Temperature Protection with micro controller, and temperature sensors to prevent system operation outside of safe zone	Smart Temperature Protection with micro controller, and temperature sensors to prevent system operation outside of safe zone
Ventilation FAN	No ventilation fan required, (no moving parts, 100% solid state)	No ventilation fan required, (no moving parts, 100% solid state)
RTC accuracy	Real Time Clock drift less than 50s per month	Real Time Clock drift less than 10s per month
Sensor inputs	One Event Marker or Panic button 5 sensors inputs for (Brake, Left turn, Right Turn, etc.)	One Event Marker or Panic button 5 sensors inputs for (Brake, Left turn, Right Turn, etc.)
Error Indicators	Video Lost, Fail to record, System error, No Power	Video Lost, Fail to record, System error, No Power
Transient Protection	Yes	Yes
Event Marker w / system status LEDs	Yes, one connector for Event Box (Panic Button) with three system status LEDs (System On, Video Lost, Recording Status)	Yes, one connector for Event Box (Panic Button) with three system status LEDs (System On, Video Lost, Recording Status)
G-Force	N/A	Built-in 3-axis accelerometer (G-force sensor) with 3.5 feet cable, displays on MiniTrack™
Power Interruption File System Protection	Intelligent file system protection against power interruption, Power can be interrupted any time without affecting system functions.	Intelligent file system protection against power interruption, Power can be interrupted any time without affecting system functions
Operating voltage	9V to 28V	9V to 28V
Operating Temperature	-22°F to 130°F / -30°C to + 55°C	-22°F to 130°F / -30°C to + 55°C
Dimension	6" x 2.0" x 5.75"	6" x 2.0" x 5.75"
Power Requirement	Very Low Power Consumption, Less than 7W (excluding cameras)	Very Low Power Consumption, Less than 7W (excluding cameras)
Mounting orientation	Vertical, Horizontal, Oblique	Vertical, Horizontal, Oblique
Weight	1.3kg / 2.8 lbs	1.4kg / 3.0 lbs

Toronto MicroElectronics Inc. reserves the right to update information contained in this document without prior notice. Please contact us for the most up-to-date information. v03.19.010



6185 Danville Road  
Mississauga, Ontario  
Canada, L5T 2H7

Telephone: 1-888-625-6364  
Fax: 905-362-8093  
Internet: www.tme-inc.com