

Vulcan™ Series V642M2 • HD/IP Mobile DVR

6-CHANNEL MDVR

DIMENSIONS

- Height: 2.26 inches
- Width: 5.96 inches
- Depth: 8.98 inches
- Weight: 2.64 pounds (with hard drive)

SIX (6) A/V INPUTS

- 4 HD Channels D1, WD1, 720P, or up to 1080P
- + 2 Channels IP 720P, 1080P, up to 4MP

OUTPUTS

- 1 video channel (CVBS)
- 1 audio channel

CAMERA COMPATIBILITY

- 4 Channels HD D1, WD1, 720P, or up to 1080P
- 2 Channels IP 720P, 1080P, up to 4MP

RECORDING MEDIA

- One (1) M.2 SATA solid-state drive (up to 4TB)
- Two (2) microSD cards (up to 512GB each)

USB

- 1 x USB2.0 (Type A)

RECORDING OPTIONS

- (2) microSD card ports for redundant recording

NETWORK DATA CONNECTION

- One RJ45 (10/100 M with POE port) (Front Panel) LAN connection

EXPANSION

- RS232 x 2

GPS INTERFACE

- Built-in, compatible with optional GPS antenna

PANIC BUTTON

- The remote status indicator (panic button) can be connected to show MDVR power/record status without using a video monitor
- The driver-operated panic button has the following functions:
 - Solid green LED indicates that the unit has power and is recording
 - Event marker (panic button)

DRIVER ACTION DETECTION WIRES

- 8 signal wires individually programmable to indicate alarm or event

COMPRESSION FORMAT

- Video: H.264/H.265
- Audio: ADPCM, G.711U, G.711A

LED INDICATORS

- PWR, USB, ALM, REC, ERR, NET



RECORD RESOLUTION

NTSC

- 4 x 1080P@30FPS (HD) + 2 x 1080P@30FPS (IP)

RECORDING OPTIONS

- **Continuous record:** System will record all channels continuously while vehicle is running (factory setting).
- **Alarm record:** System will record when an alarm is triggered.
- **Motion record:** System will record when the cameras detect motion while vehicle is running.
- **Schedule record:** System will boot and record according to user-selectable schedule.

AUTO ON/OFF DETECTION

- ACC detection

DELAY OFF SETTING

- User selectable up to 24 hours

OPERATING TEMPERATURE

- -22°F (-30°C) to 158°F (70°C)

STORAGE TEMPERATURE

- -40°F (-40°C) to 158°F (70°C)

POWER SUPPLY

POWER CONSUMPTION

- ≈0W-40W

INPUT RANGE

- DC 9-36V

LOW VOLTAGE PROTECTION

- User selectable and programmed at installation

HOUSING/CASING

- Vandal-resistant locking hard drive
- Shock-resistant: MIL-STD-810F
- Aluminum and plastic

BUILT-IN G-FORCE SENSOR

BUILT-IN WI-FI MODULE

OPTIONAL AI FEATURES

OPTIONAL ACTIVE GPS ANTENNA

OPTIONAL CELLULAR MODEM

OPTIONAL VX5RS485

- RFID Adapter Cable with (2) RS232 and (2) RS485

Specifications, features and applications of use are subject to change without notice.