

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

STORAGE MEDIA

RECORDING MEDIA

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

RECORDING MEDIA OPTIONS

- (2) microSD card slots for redundant recording

USB

- 1 x USB2.0 (Type A)

INTERFACE

CAMERA CONNECTION

- (2) RJ45 connections with 12V POE and (4) 4 Pin avionics connections for HD cameras

NETWORK DATA CONNECTION

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

EXPANSION

- RS232 x 2

GPS INTERFACE

- Built-in, compatible with optional active GPS antenna

DRIVER ACTION DETECTION

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



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)

LED INDICATORS

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

RECORD RESOLUTION

NTSC

- 1080P, 720P, WD1 (928X480), WHD1 (928X240), WCIF (464X240), D1 (704X480), HD1 (704X240), CIF (352X240)
- 4x720P@30FPS (HD) + 2x1080P@30FPS (IP) or 4x1080P@30FPS (HD) + 2x1080P@30FPS (IP)

HDD RECORDING MODE 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.

ELECTRICAL & OPERATING REQUIREMENTS

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

- 9-36V DC

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

BUILT-IN POWER PROTECTION

OPTIONAL AI FEATURES

OPTIONAL COMPONENTS

ACTIVE GPS ANTENNA

CELLULAR MODEM (COMPATIBLE WITH SI6GM)

VX5RS485

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