

Vulcan™ Series V1202HC Mobile NVR

14-CHANNEL MNVR

DIMENSIONS

- Height: 5.0 inches
- Width: 7.72 inches
- Depth: 12.60 inches
- Weight: 6.61 pounds

FOURTEEN (14) IP INPUTS

- (12) channels IP 720P up to 1080P and (2) HD channels 1080P

VIDEO OUTPUTS

- 2 channels

AUDIO OUTPUTS

- 2 channels: CVBS/VGA

CAMERA COMPATIBILITY

- (12) channels IP 720P up to 1080P and (2) HD channels 1080P

STORAGE MEDIA

RECORDING MEDIUM

- Supports 3.5" hard disk up to 14TB and one (1) SD card slot

CAPACITY

- Up to 14TB

USB

- 2 x USB2.0

RECORDING OPTIONS

- SD card slot for redundant recording

INTERFACE

CAMERA CONNECTION

- (12) RJ45 IP camera connections
- (2) 4 Pin HD camera avionics connections

NETWORK DATA CONNECTION

- Ethernet: RJ45 x 1 (10/100M/1000M)
- IPC Ethernet: RJ45 (12x10/100M, PON Power Supply)

EXPANSION

- RS232 x 1, RS485 (for RFID & iPanel) CAN x 2

GPS INTERFACE

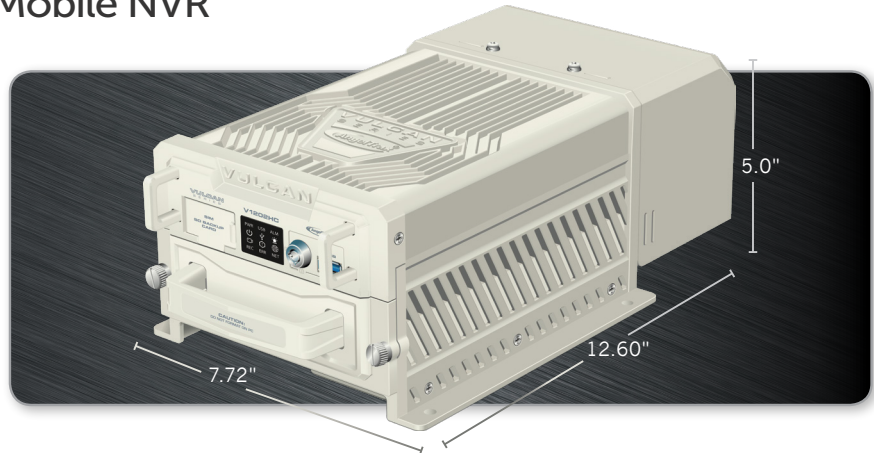
- Built-in, compatible with optional passive or active GPS antenna

DRIVER ACTION DETECTION

PANIC BUTTON

The remote status indicator (panic button) can be connected to show MNVR power and record status without using a video monitor and 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, G711U

RECORD RESOLUTION

DIGITAL

- Parallax View™ (horizontal resolution exceeds cinema 4K), 4MP (4192X1360), 1080P (1920X1080), 720P (1280X720) @30FPS

NTSC

- 1080P, 720P, WD1(928X480), WHD1 (928X240), WCIF(464X240), D1(704X480), HD1(704X240), CIF(352X240)
- 2x720P@30FPS (HD) + 12x1080P@30FPS (IP) OR 2x1080P@30FPS (HD) + 12x1080P@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.

ELECTRICAL & OPERATING REQUIREMENTS

AUTO ON/OFF DETECTION

- ACC detection

DELAY OFF SETTING

- User selectable up to 24 hours

OPERATING TEMPERATURE

- -40°F (-40°C) ~ 158°F (70°C) with heater or 14°F (-10°C) ~ 158°F (70°C)

OPERATING HUMIDITY

- 15% ~ 95%

BUILT-IN POWER PROTECTION

BUILT-IN WI-FI MODULE

BUILT-IN G-FORCE SENSOR

BUILT-IN GPS MODULE (REQUIRES ANTENNA)

POWER SUPPLY

INPUT RANGE

- DC 9-36V, ACC

OUTPUT CURRENT

- 5V@500mA, 12V@500mA

POWER CONSUMPTION

- Standby: ≈ 0W
- Maximum: 115W
- Maximum (with heater): 140W

LOW VOLTAGE PROTECTION

- User selectable and programmed at installation

HYBRID COMPONENT™ TECHNOLOGY

Modular design for on-site service, maintenance and upgrades in minutes

HOUSING/CASING

- Removable, shock-mounted
- Vandal-resistant locking hard drive
- Shock-resistant: MIL-STD-810F
- Aluminum
- 2 built-in fans for temperature regulation

OPTIONAL AI FEATURES

OPTIONAL COMPONENTS

VIRTUAL SYNCHRONIZED MAPPING™

GPS ANTENNA (ACTIVE OR PASSIVE)

CELLULAR MODEM (COMPATIBLE WITH SI6GM)

Specifications, features and applications of use are subject to change without notice. ▼ 07/2023 D