Vulcan™ Series V1284HC Mobile DVR

12-CHANNEL MDVR

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

TWELVE (12) A/V INPUTS
- (8) HD channels 1080P + (4) IP channels up to 1080P

VIDEO OUTPUTS
- 2 channels

AUDIO OUTPUTS
- 2 channels, CVBS and VGA

CAMERA COMPATIBILITY
- (8) HD channels up to 1080P + (4) IP channels up to 1080P

STORAGE MEDIA

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

CAPACITY
- Up to 14TB

RECORDING OPTIONS
- SD card slot for redundant recording

INTERFACE

CAMERA CONNECTION
- (4) RJ45 IP camera connections
- (8) 4 Pin HD camera connections

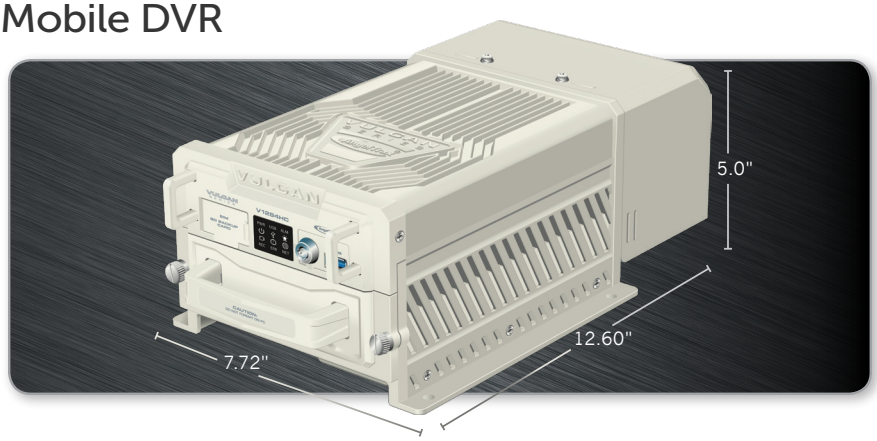
NETWORK DATA CONNECTION
- Ethernet: RJ45 x 1 (10/100 M/1000M)
- IPC Ethernet: RJ45 (4x10/100M, PON Power Supply)

EXPANSION
- RS232 × 1, RS485 (for RFID and 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 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

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)
- 8x720P@30FPS (HD) + 4x1080P@30FPS (IP) OR 8x1080P@10FPS (HD) + 4x1080P@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 G-FORCE SENSOR

BUILT-IN WI-FI MODULE

BUILT-IN POWER PROTECTION

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: 100W
- Maximum (with heater): 125W

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)