



## ADDENDUM NO. 1 TO ALL BIDDERS

Issued: April 11, 2025

Reference – Request For Proposal: RFP # 91462

Title: DVR Storage Upgrade and WiFi Implementation

Dated: March 27, 2025

Proposals Due: April 25, 2025 at 1:00 p.m.

The question(s) below were received for the referenced Request for Proposal (RFP):

	Questions	Answers
1	I called the AngelTrax company, and they stated "AngelTrax Pro 8 is Software and not hardware". They also stated the Vulcan 12 DVR's hard drives have a maximum of 2 TB storage.	Correct, AngelTrax Pro * is the software used to read the hard drives, but prior to the Vulcan Series 12 DVR AngelTrax called their DVR the Vulcan Pro8 Series. We have included tech specs for both DVRs on the following pages. The Vulcan Pro8 is V1284HC_Tech Specs and the Vulcan 12 series matches V1202HC_Tech Specs sheet
2	Is the goal to replace all buses with a DVR that has 4-8TB of storage and add an antenna for Wi-Fi?	The goal is to upgrade the storage capacity of our DVR systems to a minimum of 4TB and add a WiFi Antenna to each bus for obtaining data through the internet
3	Are the buses showing a Vulcan 12 DVR in Attachment F – Vehicle List candidates for a DVR that can house 4 to 8TB hard drives? It doesn't appear that the ability to upgrade is feasible, but a total replacement of all DVR's is what is needed.	We would like to increase the storage systems of our DVR's on all buses. We are open to replacing the DVR's if necessary, but if an option is available with the current system it would be remain. We are open to both Solid-State Drives (SSD) and Disk-Spinning Drives (HDD) solutions
4	Does Jaunt require a G force sensor on the vehicle?	No G force sensor is required. We have a separate device that already monitors vehicle behaviors
5	Does Jaunt want (2) price sheets (one for on premise video management and one for full cloud video management solution)?	Yes
6	What is the procedure when a failed AngelTrax camera is encountered during installation?	We have extra AngelTrax cameras in stock and our mechanics would attempt to resolve any camera issues
7	Are all existing cameras analog (does Jaunt use any IP cameras)?	All existing cameras are analog
8	What is the procedure regarding the removal and disposal of existing AngelTrax equipment during the installation process?	All AngelTrax equipment that is replaced should be removed and given to Jaunt
9	How many cameras are in the Jaunt fleet? This quantity will determine how many cable adapters will be needed to connect AngelTrax cameras to our DVR.	There are 99 buses listed in Attachment F – Vehicle List and each bus has 4 internal and 4 external cameras
10	Is the backup camera connected to the recorder?	Yes

Note: A signed acknowledgment of this addendum #1 must be received at the location indicated on the RFP either prior to the bid due date and hour or attached to your bid. Signature on this addendum does not substitute for your signature on the original bid document. The original bid document must be signed.

Very truly yours,

Mike Mills  
Purchasing Specialist  
Phone: 434-297-2604

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature/Title

\_\_\_\_\_  
Date

# 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 x 1, RS485 (for RFID and iPanel) CAN x 2

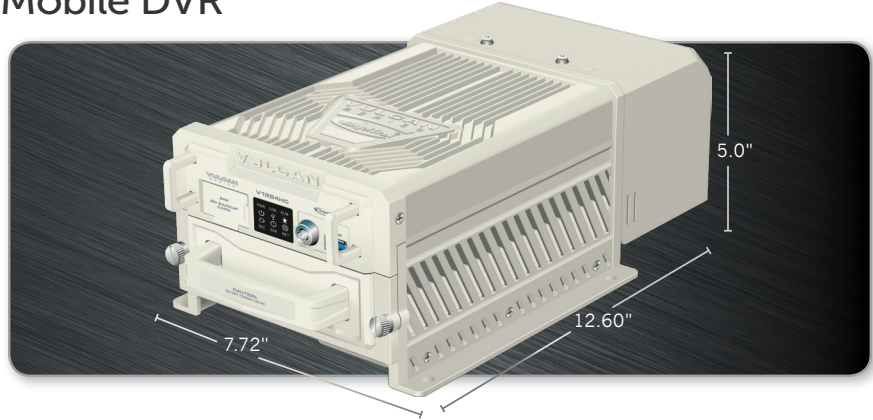
#### GPS INTERFACE

- 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 5G/4G)

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

# 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

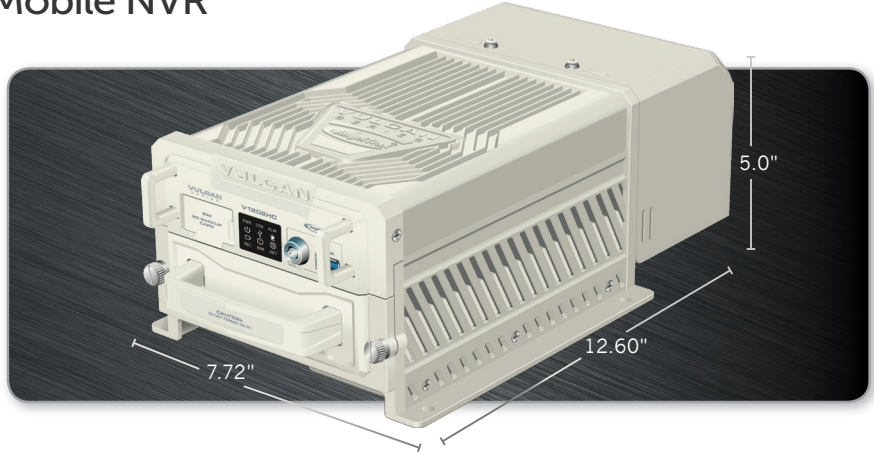
- Built-in, compatible with optional passive or active GPS antenna

### 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 5G/4G)

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