



VULCAN SERIES V5

True High-Definition 1080P Mobile DVR

- » 5-Channel Vulcan™ V5 (4 Channels D1, 720P up to 1080P + 1 Channel IP up to 1080P)
- » (1) 500GB solid-state hard drive standard
- » SD card slot for redundant recording
- » Built-in Wi-Fi module
- » Five (5) year limited warranty



VULCAN™ SERIES

Revolutionary systems engineered to bring the best of both worlds – IP cameras and HD cameras – into one recording system for simultaneous playback onscreen and for scheduled or triggered video downloads via Wi-Fi or cellular.

Small size, serious storage

Ideal for transport vans or smaller buses, the five-channel Vulcan™ Series V5 mobile DVR records four D1 channels at resolutions from 720P to 1080P and one IP channel at up to 1080P resolution. Recording multiple types of camera feeds on the same system enables the fleet operator to have IP cameras installed in key locations where clarity is needed most and to maximize storage by capturing the majority of camera views – up to four – with true

high-definition or analog cameras. Equipped with a driver-operated panic button and driver action detection signal wires, the V5 automatically marks video for immediate review to promote passenger safety. In addition to storing audio and video evidence on its vandal-resistant, locking solid-state drive, the V5 provides power connections for auxiliary systems including but not limited to public address systems, signage and onboard diagnostics.

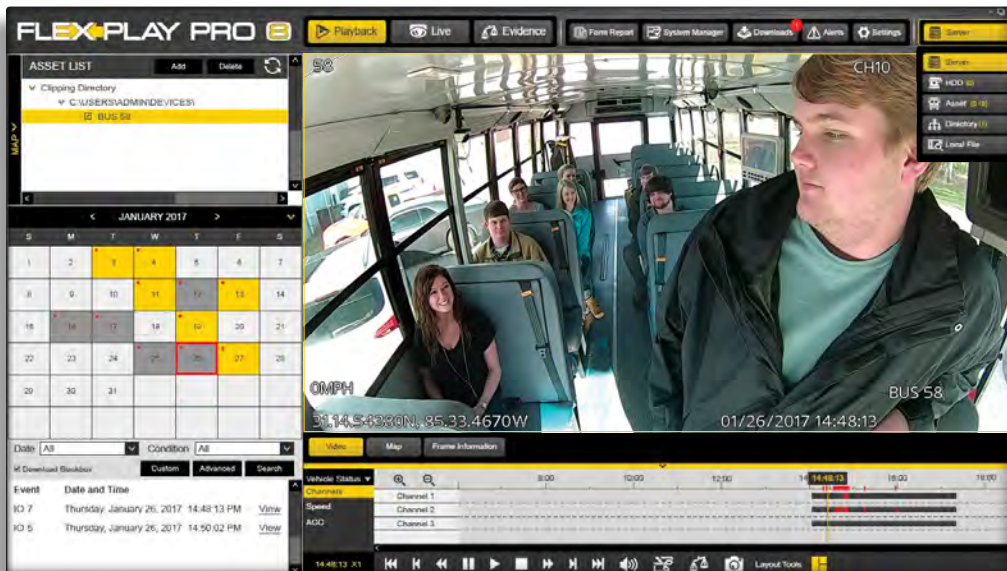
Total control

Diagnose and operate the V5 with the optional Vulcan CP4 Touchscreen Backing and Firmware Control Monitor. Using the monitor's 7-inch touchscreen display, with customized password protection, the user can view and update the DVR's firmware and other settings and view recorded video. When the monitor is in live view mode, the user can select the number of channels displayed, depending on the number of cameras installed on the vehicle. In backing mode the monitor displays a live view of the vehicle's reverse camera, if applicable. This versatile tool also integrates SMS and voice broadcast to make calls, IP connections and two-way audio broadcasts.



Total ease of use

» Video playback and archiving are simple with FlexPlay Pro 8™ software. With minimal clicks to login and view video recorded last, this user friendly tool also features an easy-navigation timeline and trouble-free archiving. FlexPlay Pro 8 is included with the purchase of every Vulcan DVR.



Vulcan™ Series V5 HD/IP Mobile DVR

5-CHANNEL DVR

DIMENSIONS

- Height: 2.7 inches
- Width: 6.9 inches
- Depth: 9.8 inches
- Weight: 2.9 pounds

FIVE (5) A/V INPUTS

- 4 channels D1, 720P up to 1080P
- + 1 channel IP up to 1080P

VIDEO OUTPUTS

- 1 channel

AUDIO OUTPUTS

- 1 channel

CAMERA COMPATIBILITY

- 4 channels D1, 720P up to 1080P
- 1 channel IP up to 1080P

STORAGE MEDIA

RECORDING MEDIA

- One (1) 2.5" solid-state drive and one (1) optional solid-state SD card

CAPACITY

- 500GB (standard) up to 1TB
- (optional) 64GB SD card up to 512GB

USB

- 1 x USB2.0 (Type A) + 1 x USB2.0 (Type B)

RECORDING OPTIONS

- SD card slot for redundant recording

INTERFACE

NETWORK DATA CONNECTION

- One RJ45 (10/100 M with POE port)

EXPANSION

- RS232 x 2, RS485 x 2

GPS INTERFACE

- Built-in, compatible with optional GPS antenna

DRIVER ACTION DETECTION

PANIC BUTTON

- The remote status indicator (panic button) can be connected to show DVR 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

BUILT-IN G-FORCE SENSOR

COMPRESSION FORMAT

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



RECORD RESOLUTION

NTSC

- (4x30) FPS 720P + 1080P@30FPS/
(4x15) FPS 1080P +1080P@30FPS

PAL

- (4x25) FPS 720P + 1080P@30FPS/
(4x12) FPS 1080P + 1080P@30FPS

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

OPERATING VOLTAGE

- 8-36VDC

OPERATING TEMPERATURE

- -14°F (-25°C) ~ +158°F (+70°C)

POWER CONSUMPTION

- 0W-30W

POWER SUPPLY

INPUT RANGE

- DC 8-36V

OUTPUT RANGE

- DC5V/DC12V

OUTPUT CURRENT

- 5V@0.5A, 12V@0.5A

LOW VOLTAGE PROTECTION

- User selectable and programmed at installation

HOUSING/CASING

- Removable, shock-mounted
- Vandal-resistant locking solid-state drive
- Shock-resistant: MIL-STD-810F
- Aluminum

BUILT-IN WI-FI MODULE

OPTIONAL COMPONENTS

VIRTUAL SYNCHRONIZED MAPPING

- External Virtual Synchronized Mapping™ module with North American maps
- Includes GPSV1 antenna
- Embeds GPS tracking information synchronized with recorded video footage

GPS ANTENNA

FIREPROOF BOX BACKUP

CELLULAR MODEM

4/2017 - Specifications, features and applications of use are subject to change without notice.

