

**DVM-250, DVM-250 Plus, and FLT 250
In-Vehicle Camera Kit
(two-camera and four-camera system)**

North Carolina Sheriffs' Association

“Technology Procurement Program”

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In-Vehicle Camera Systems for Buses and Vans

FLT-250 System



DVM-250 Plus System



Introducing the FLT-250 System:

- Supports up to eight (8) cameras (interior and exterior)
- Mirrorless system; not necessary to replace vehicle's factory-installed rearview mirror
- Records up to two (2) camera channels simultaneously

Introducing the DVM-250 Plus System:

- Supports up to eight (8) cameras (interior and exterior)
- Mirrored system will replace the vehicle's factory-installed mirror
- Records up to two (2) camera channels simultaneously

The Fleet solution for Digital Video

Digital Ally, Inc. provides commercial fleets and commercial fleet managers with the digital video tools they need to increase driver safety, track assets in real-time and minimize the company's liability risk all while enabling your managers to operate the fleet at an optimal level.

With features and capabilities that are fully customizable, Digital Ally's products are simple to operate and maintain while being reliable and extremely durable.

True Video Solution

Vehicle Video Cameras have existed for many years but Digital Ally® is the first to bridge the gap and create a true video solution for commercial fleets. We are the only video company that can connect In-Car Video, Body Cameras & the back-office software into one complete solution.

Professionalism

Studies have repeatedly shown that when video is deployed in a vehicle, driver performance and professionalism increase dramatically and there is a reduction in driver issues.

Fleet Management

Digital video allows your fleet to be managed and driver behavior to be modified based on the video collected through training. Never miss any event involving your vehicles or drivers again. With our industry leading warranty coverage, we guarantee that your in-car video systems are up and running so that your drivers can focus on doing their job and their video system will take care of itself.

NEVER MISS AN IMPORTANT EVENT

Pre-Event Recording

With Pre-Event enabled the system is always recording the last 30-60 seconds to capture the events leading up to the activation of a recording.

Continuous Loop Recording (Optional)

The system can be set to record on a continuous loop. Individual events are recorded but continuous loop enables a fleet manager to go back and look at video from an entire shift.



UNCOMPLICATED DESIGN

Easy to Install - Simple to Use - Highly Configurable

Event Recorders can be configured to power up with vehicle, login instantly, automatically activate with variety of triggers, and wirelessly upload video.

Additional Cameras to expand DVM-250 to the DVM-250 Plus:



Backup Camera



Passenger Camera



Side Mount External Camera

OPTIONAL TRIGGERS

Integrated with Interface Box



Just about anything in the vehicle that can output a 12 Volt Signal can be configured to trigger your event recorder. Below are the most common of these:

- Brake Lights
- Turn Signal
- Reverse Gear
- Covert Panic Button
- Door Sensors

QUICK & EASY UPLOAD

Uploading your video has never been easier with multiple methods that fit your company's needs.

In-Car Video Footage

Wi-Fi Dongle or SD Card Transfer

Your video footage from your in-car unit can be automatically uploaded wirelessly via our Wi-Fi Dongle, you can manually remove the SD Card and transfer files to a computer.



In-Vehicle Camera Systems Specifications

Power	
OPERATING VOLTAGE	13.8VDC
ON	0.36A @ 13.8Vdc
OFF	0.260mA @ 13.8vdc
SLEEP	170mA @ 13.8vdc
LOW POWER STANDBY	170mA @ 13.8vdc
INTERNAL BACKUP BATTERY	3.7v, 1150mA, Rechargeable Lithium Ion Polymer Battery
Environmental/Mechanical	
OPERATING TEMPERATURE	-20° to +70° C
STORAGE TEMPERATURE	-40° to +80° C
DIMENSIONS	48mm (1.9in.)(D) x 279mm (11in.)(W) x 106mm (4.7in.)(H)
WEIGHT	733g (1.62lbs)
Internal Components	
ROAD FACING CAMERA	63.2°(V) X 84.8°(H) X 106.8°(D)
PASSENGER FACING CAMERA	96°(V) X 119°(H) X 141°(D)
LCD MONITOR	3.5" Color
REAL TIME CLOCK	On board, used when GPS signal is lost.
ACCELEROMETER	3-axis, ±8g
MICROPHONE	Internal (max. input SPL 110dB, sensitivity -30dB)
VIDEO	2-recording channels @ 30fps(max), D1, 720x480, H.264, AVI
AUDIO	2-Channel for separate internal/external microphone audio
External Components	
GPS RECEIVER	4Hz position update rate, 2.5m position accuracy
LICENSE PLATE BACKUP CAMERA	95° (V) x 125.8° (H) x 155.4° (D)
INFRARED BACKUP CAMERA	76° (V) x 102° (H) x 115° (D)
Media Storage	
CAPACITY	External SD Card Support: 8/16*/32 GB, Class-10, commercial grade purchased from Digital Ally. (*Included)
SECURE MEDIA ACCESS	Optional tamper resistant screw and access door, requires corresponding security key to unlock the access door.
PRE-EVENT BUFFER	Up to 30 seconds for each of the two recording channels, adjustable in 6 second increments

Interface Box Specifications

Electrical	
OPERATING VOLTAGE	13.8VDC
INPUT SENSORS	Six configurable multi-purpose input sensors.
OUTPUT TRIGGER	One normally open, active low output trigger, 2A max current
Environmental/Mechanical	
OPERATING TEMPERATURE	-20° to +70° C
STORAGE TEMPERATURE	-40° to +80° C
DIMENSIONS	57mm (2.24in) (D) x 29mm (1.14in) (H) x 110mm (4.33in) (L)
WEIGHT	218g (.480lbs)