



Digital Ally DVM-800 Lite In-Vehicle Camera Kit Instructions

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Digital Ally DVM-800 Lite In-Vehicle Camera Kit Instructions



The Digital Ally DVM-800 Lite is a complete digital in-vehicle video recording system integrated into a replacement vehicle rearview mirror. The unit contains the digital video/audio recorder, solid state storage memory, 3.5" color monitor, microphone, speaker, battery backup and system controls. A 900MHz Wireless Microphone Kit, 32GB SDHC card, mounts, cables, lifetime firmware upgrades, operating manual and two-year Advanced Exchange Warranty are included with the DVM-800 Lite Kit.

With the DVM-800 Lite, you can achieve higher quality recordings without the file size of HD. The DVM-800 Lite has enhanced 720-pixel codec and customizable quality settings.

ECA NEVER MISS AN IMPORTANT EVENT

Evidence Capture Assurance (ECA)

ECA tells the system to record on a continuous loop. Individual events are recorded, but ECA enables an agency to go back and look at video from an entire shift.

Pre-Event Recording

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

ENHANCED VIDEO AND AUDIO

High Quality Video | Crystal Clear Audio Our cameras have high quality video ranging from Enhanced D1 Resolution to full HD Resolution. With the combination of our mirror units built in cameras and multiple options for external cameras, you can customize your video feeds, with up to two channels recording simultaneously. Our wireless microphone records enhanced audio for up to 3000 feet from the vehicle.



CUSTOM SOLUTION TO FIT YOUR NEEDS

Highly Configurable Systems

Our camera systems can be configured to work in any way your agency needs. All of our systems have multiple settings that you can configure to make the solution fit any requirements your policy might have, such as, audio/video quality, preevent customization, user control, multiple camera options, and more customization on the back-end with our VuVault Software series and VuVault.com cloud solution.

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Included with Purchase:

- DVM-800, Main Unit 32GB
- 32GB SDHC card
- DVM Mount Assembly with Integrated 3.5" color monitor (can be invisible when not in use)
- 900MHz Wireless Microphone with 1000-foot range
- Two in-car covert microphones
- Accessory Kit: Includes Windshield Mounting Puck, Lanyard, Mounting Hardware, Security Tamper Resistant Screw & Key Kit
- Road-facing Camera with Infrared illumination built into the rearview mirror
- Smart Infrared Backseat-facing Camera
- Vehicle Input Controller (model iFE-20)
- Main Power Cable to IF Box, 3.1 m (10.1ft.)
- Vehicle Input Controller Cable to DVM 4.6m (15.0ft.)
- DWM-928 System (900MHz) Includes Wireless Microphone, Charging Cradle, Mounting Bracket, and Lapel Microphone
- Backseat Microphone for DWM-928, 20ft., 2.5mm plug
- USB 2.0 Type A to Mini-B Cable, 3.3 ft.
- Wireless Microphone to DVM-800 Cable
- Vehicle Input Controller, Sensor, RJ45 Cable
- Reference Guide

Specifications for DVM-800:

POWER	
Operating Voltage	13.8VDC
On	360mA @ 13.8VDC
Off	260uA @ 13.8VDC
Low Power Standby	170mA @ 13.8VDC
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	
LCD Monitor	3.5" Color Ultra Bright. 640×480 resolution
Real Time Clock	On board, used when GPS signal is lost
Accelerometer	3-axis, ±8g
Wi-Fi	802.11(n) wireless adapter included. Secure FTP transfer through WAP or cellular modem
Microphone	Internal (max. input SPL 110dB, sensitivity -30dB)
GPS Receiver	4Hz position update rate, 2.5m position accuracy
Video	2-recording channels @ 30fps(max), H.264, AVI container
Audio	Stereo (internal to one channel, external on other)

MEDIA STORAGE	
Capacity	External SD Card Support: 8/16/32 GB, Class-10, commercial grade 80 R MB/s, 50 W MB/s Internal Memory matches external
Secure Media Access	Optional tamper resistant screw can be installed in the access door, requiring the corresponding security key to unlock the access door. (included with the DVM)
Pre-Event Buffer	Up to 30 seconds for each of the two recording channels, adjustable in 6 second increments
Vehicle Input Controller	
Dimensions	57mm (2.24in) (D) x 29mm (1.14in) (H) x 110mm (4.33in) (L)
Input Triggers (Sensors)	Six customizable multi-purpose input triggers.
Operating Voltage	13.8VDC
Output Alarm	One (1) normally open, active low output trigger, 2A maximum current
Operating Temperature	-20° to +70° C
Storage Temperature	-40° to +80° C
Radar Support	9 Pin Serial Female (additional cables required)

Wireless Microphone Specifications:

System Range	3000 feet typical
Communication	Bidirectional
Microphone Sensitivity	-30dB, Maximum Input SPL 110dB
Power	External 12VDC, 0.190mA typical
Size	DWM Cradle: 2.75in x 2.99in x 3.15in (70mm x 76mm x 80mm) DWM Microphone: 2.5in x 1.8in x 0.94in (64mm x 46mm x 24mm)
Weight	DWM Cradle (BTR800): 233gDWM Wireless Microphone (RMT800): 74g


Battery	Internal Li-ion 3.7V/1800mAh cell20 hours In Use with full charge, 14 days Standby 4 hours charge time
Frequency	900MHz FHSS, 50 possible channels
Frequency Response	200 ~ 4200Hz +/- 3 dB Audio

Pair with these other Digital Ally Products:

- FirstVu HD Body Camera
- 12-Bay Docking Station
- VuLink for Automatic Activation
- VuVault Software

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Documents / Resources

 <p>Digital Ally, Inc. Product Name: In-Vehicle Camera Kit (DVM-800 Lite) Part Number: DVM-800-Lite</p>	<p>Digital Ally DVM-800 Lite In-Vehicle Camera Kit [pdf] Instructions DVM-800 Lite In-Vehicle Camera Kit, DVM-800 Lite, In-Vehicle Camera Kit, Camera Kit, Kit</p>
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References

- [VuVault](#)
- [Body Cams and Video Systems for Law Enforcement - Digital Ally](#)

Manuals+