

Prosecutor of Texas LLC.



**In Car Mobile Video System
DVR and VCR**

Features & Specifications

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Feature & Specifications

System

- Smallest Trunk VAULT Available
- 16 X Optical Zoom Low Light Auto Focus Camera, 1.0 Lux, 8X Digital Zoom
- Easy to use overhead controls
- Programmable Industrial Environmentally Grade DVR with Removable 40 GB HD
- Environmentally Controlled Vault and DVR .
- Record activation by body transmitter control
- Record Over Protection
- Radar Gun / Laser / GPS / Alcohol Tester Interface included as Standard Equipment
- Covert Mode
- Outside Vehicle Viewable "Record" & "Audio On" Indicators
- Backseat Microphone Standard Equipment
- On-screen Time and Date Stamp with Title
- Manual and Automatic Operation
- Camera Position can easily be adjusted via Windshield Bracket
- Backseat Camera available



Figure 1 : Prosecutor System

Camera

- Model : AVE-8002
- Hi-Resolution : more than 450 TV Lines – Solid State
- Optics : Lens - X16 Zoom (f=3.9-63mm)
- Min. Illuminance : 1.0 Lux
- White Balance : Auto/Preset/Manual
- Digital Zoom : X8
- Operating Temp. : 0 deg.C - 40 deg. C
- Power : 12V(2V / 4W)
- Dimension : 2.65"W X 2.56"H X 4.4"D
- Regulation : FCC – Class A
- Focus : Auto/Near/Manual/Wide
- Back Light Compensation



Figure 2 : Camera

Control Head

- 4 inch color TFT LCD monitor.
- Durable membrane switch with backlight.
- Both LCD monitor and switch backlight can be turned off for "quiet" operation.
- Audio volume control and LCD brightness control
- LED output indicating both audio and recording are functional.
- Constructed with 18 gauge steel.
- Dimension: 11x6.25x3 inches (27.94cm x 15.88cmx7.62cm).
- Weight: 3.7lbs (1.68kg)



Figure 3 : Modular Control Head

Feature & Specifications

Vault

- Constructed with 14-gauge steel, lockable and tamper resistant
- Dimensions: 11.5"W X 6.5"H X 16"D (29.21cm x 16.51cm x 40.64cm)
- Weight: 28.82 lbs (13.02 kg)
- Removeable Vault with bracket mounted in trunk
- Non-reflective black powder coated matte finish
- Tamper resistant locking door
- Environmentally Controlled
- Specialty Radar / Laser / GPS / Alcohol Tester Interface ready
- Dual Wireless Microphone Capability (optional)
- Shielded antenna input
- Raised Mounting Straps Included
- Back Seat Microphone
- Optional Back Seat Camera Ready



Figure 4 : Vault

Wiring Harness

- Control Cable : 25-Conductor shielded with DB-25 connector
- Power Cable : 16 gauge stranded—fused to battery 10A
- Radar/Laser/GPS Interface: 2 Conductor shielded with DB-9 connector (optional)
- Antenna : Shielded 75 coax terminated via RF to chassis of vault
- Interface : 6 Conductor Shielded to Lights, Siren, Ignition, Brakes and Turn Signals



Figure 5 : Wiring Harness

DVR

- Industrial Grade Cobra-1200 Digital Video Recorder
- Compliant with FCC Part 15 Class B and CE rules
- Double Shock-Mounted Hi-G-Force 40GB IDE Removable 2.5-inch Hard Drive
- 2 IDE Mobile Racks for insertion of Hard Drive into DVR and PC
- Operating Voltage : 12V to 24V DC / 3 amp min
- Operating Temperature : 10-40° C (50-105 ° F)
- Recording Time : Over 20 hours recording in Real Time using the Normal Quality Mode
- Video Recording : 30 fps at 720 x 480 pixels video inputs, NTSC 30 fps at 720 x 576 pixels video inputs, PAL
- On-Screen Display : Time/Date, Title, 3 Status Indicators, Hard Disk Used, Interface Readout, and Programming Menu when selected
- RS-232 interface to most Radar / Laser / GPS / Alcohol Tester measuring devices
- Recording can be started with Audio Transmitter, Siren Signal, or Lights Signal
- Recording can be activated with Overhead Controls
- Compact Disc containing Remote Viewer Software for PC and DVR User's Manual



Figure 6 : DVR in Vault

Feature & Specifications

VCR

- Industrial grade Stereo HiFi VHS Mobile Recorder
- Operating Voltage : 11V to 15V DC / 15W
- Operating Temp : 0 to 40 C (32 to 108 (F)
- Recording Method : Dual-head (4 heads total for flickerless playback)
- Recording time : 8 hour (with T-160 tape)
- FFW/REW Time : < 5 minutes using T-120 tape.
- Horizontal Resolution : > 250 lines
- Audio : Stereo or two channels mono.
- On-screen display : Time/date, Title, 5 indicators, tape time, VCR status, Interface Readout and programming menu when selected
- Automatic search for the last recorded portion of tape before recording
- Recording can be started with Audio transmitter, Siren signal, Light signal or BRK / TS
- Recording can be activated with Overhead Controls



Figure 7 : VCR in Vault

VHF Audio Transmitter and Receiver

- Compliant with FCC Part 74 and Industry Canada RSS-123 rules
- Transmitter dimension 3.6" X 2.5" X 1" (9cmx6.5cmx2.5cm)
- Weight : 2.82 or (0.08kg)
- High quality Wireless Microphone System with Ultra-sonic Tone-Coded-Squelch
- Frequencies in VHF range – more than 50
- Working range : 300ft - Maximum 1000ft
- Battery life : 8 to 10 hour with 2 AA NiMH Rechargeable Batteries (included).
- Comes with a Dual-Station Battery Charger.
- Wind-Screen and Tie clip
- Holster : Forward Cantered; optional Patent Leather or Basket Weave
- Audio Receiver mounted inside the Vault
- Shielded Antenna mounted on trunk– ¼ or 1/2 wave whip design
- Built-in Microphone or External Lapel Microphone



Figure 8:VHF Audio Transmitter and Receiver

900MHz Spread Spectrum Transmitter and Receiver (optional)

- Compliant with FCC Title 47 Part 15 Subpart C
- Digitally Coded over 9000 Combinations, automatically matches code when transmitter is placed in the receiver base.
- Multiple units can be used with NO interference : 40 available channels
- 1000 ft Range with internal antenna
- Full duplex two-way voice communication (optional)
- Remote Activation of Transmitter when VCR in Record Mode
- 6 - 8 Hours of Talk Time per charge, Standby two days
- Rechargeable Battery Charges while in base
- Convenient Mounted Charging and Receiver Base up front next to officer
- Built-in Microphone or External Lapel Microphone
- Operating Temperature 10 – 110 degrees F
- Transmitter Dimensions 63.7mm x 32mm x 111.5mm(WxDxH)
- Transmitter Weight : 156g



Figure 9 : 900MHz Spread Spectrum Transmitter and Receiver (optional)