LEGALTEK
TECHNOLOGY MADE EASY

From **LegalTek**
 the **Digital Cruiser 3** *POLICE IN-CAR DIGITAL VIDEO SYSTEM*

• Video records directly to solid state memory, not a volatile moving
  DVD or hard drive
• Lightning fast file upload to department server with optional 802.11n interface
• Bright 5.0" touch-screen control monitor: no buttons or switches to fail
• Backlight compensated color HAD CCD image sensor: AI Auto-iris,
  Digital zoom, 2H VE; One touch enhanced license plate close-up
• Exclusive visual radar event display: Selectable event triggers
• Adjustable pre event recording: continuous buffered recording to
   capture limit line violations, radar triggered or unexpected events
• Picture-in-picture inserter for simultaneous second camera recording
• Universal compatibility: MPEG2 720 X 480 D1 record resolution
• MPEG2 translates to less file compression and sharper recordings that
   transfer quickly
• Superior audio intelligibility: 2.4Ghz 99 channel digital spread spectrum
   body microphone, dual activation; Built-in full range amplified speaker
* Optional color/IR rear cabin camera; amplified microphone system
• Exclusive magnetic ID card reader: scan & store suspect ID information in the field
• Embedded watermark: eliminates authentication challenges
• Secure Evidence Storage & Management software: file tracking, intuitive rapid search, snapshot and fast burn of video
   files to DVD
• Ultra Dense Aluminum Alloy Construction: MIL-STD-810G durable; -40F to +190F operating temperature
• Manufactured in the United States: *In service with the United States Military*

USED BY OUR UNITED STATES NAVY

USED BY OUR UNITED STATES ARMY

USED BY OUR UNITED STATES AIR FORCE

The New In-Vehicle Recording System Standard…

Years of purpose driven engineering have resulted in a powerful but simple to use mobile digital video recording system specifically designed for law enforcement and military applications.

The Digital Cruiser 3 records high-resolution MPEG2 digital video directly to non-volatile solid-state memory cards. Removable 4GB SDHC card allows up to 8.5-hour recording time, expandable to 128GB (300 hour recording time).

Depending on system configuration, you may automatically upload files to your network (with the optional 802.11n interface) or simply exchange the recorded SDHC memory card and conveniently store the files on an office PC or server with the included Digital Video Evidence Management (DVEM) software.

Time, date and department information are embedded in a recording watermark that virtually eliminates authentication challenges. System users can quickly update their unique user name and ID information by inserting individual USB flash drives.

The Digital Cruiser 3 recording system is both rugged and reliable. Battle proven by all branches of the United States Military.

TECHNICAL SPECIFICATIONS

VIDEO:

Video Recording System)	MPEG2 Secure Digital (SDHC) Card Class Six (Minimum)
Installed Memory	4GB (SDHC) Removable (Expandable to 128GB)
Operating System	Linux Direct
Record Resolution	720 X 480 D1
Bit Rate	4MB/sec (2.0 Hour Mode, XP High)
	2MB/sec (5.5 Hour Mode, SP Standard)
	1MB/sec (8.5 Hour Mode, LP Extended)
DVD Burn/Finalize Time	<5 Min. (2 Hour Recording, SP Standard w/DVEM)
Pre-Event Recording	1-2 Minute Adjustable
Record Triggers	Wireless, Light bar, Crash, Radar & Manual
Picture-In-Picture Inserter	Integral 1/4 Screen: Record Selectable: Second Camera
Over Record Protection	Recorded Files Can Be Viewed, Not Modified
Image Sensor	768 x 493 Auto-Iris Backlight Compensated HAD CCD
Minimum Scene Illumination	0.02 Lux
Optics	120X Zoom Ratio; Digital Image Stabilization
Video Signal System	NTSC Standard (525 lines, 60 fields)
	PAL Standard (625 lines, 50 fields)

AUDIO:

Audio Sampling	16 Bit, 48Khz.
Wireless Body Transceiver	2.4 Ghz 99 Channel Digital Spread Spectrum: Auto Synchronization Frequency Optimizing; Belt Clip, Rechargeable Battery
Data Link	Recorder/Transceiver Mutual Activation
Speaker System	Internal: Full Range Amplified, Volume Adjustable

DISPLAY:

Viewable Size: Monitor	5.0" Diagonal Coated Resistive Touch Screen; Record Confidence
Display Type	LCD Active Matrix Flat Panel (TFT)
Contrast Ratio	800:1
Brightness	500/cd/m2, Fully Adjustable: Covert Dark Mode
Pixel Pitch	0.264mm
Response Time	< 5ms
Filter Type	2D Comb Filter/Deinterlace
Data Display: General	W-Wireless Download Icon, B-Brake L-Light Bar G-Crash, Admin Code Access Latitude/Longitude/Vehicle Speed/Event Marking w/GPS Option: Event Tagging
Data Display: Radar	Target, Patrol, Max Vehicle Speed & Target Lock
Compatible Radars	Stalker, Decatur, Kustom and MPH

DATA:

Time/Date Generator	Integral Time/Date/Character Generator
USB Flash Drive	User Formatted: User Name/ID; 2 Line 12 Characters/Line
802.11n Interface	Windows XP/7, Browser Based, Non-SQL Database; 128bit Encryption, Checksum Data Pac Verification, >1000' Upload Range; Auto Power Down After File Transfer

CARD READER:

	Magnetic Bar Code/2D: 5 Sec. Display (Metadata Store :ID, Last, First MI, Address, DOB, HT, WT, Hair, Eye, Gender, Exp

GENERAL:

Chassis/Card Access	Ultra Dense Aluminum Alloy: Supervisor Control Cover, Lockable
Dimensions	(WxHxD) 5.34" x 3.45" x 2.48" (88mm x 134.5mm x 63mm)
Weight	1 Pound, 3 ounces
Power Requirement	12VDC
Power Consumption	<18W DC 12V 1.5A
Warranty	One-Year Parts and Labor
Manufactured in the United States	UL, CB, FCC (A), CE-Emc (LVD), RoHS

SUPPLIED ACCESSORIES:
Operation Manual
DVEM File Management Software
(for PC)
Mounting Hardware
Interconnect Cables: Breakout Box
Programmable USB Flash Drive
SDHC Card Reader

OPTIONAL ACCESSORIES:
GPS; Radar Interface; Crash Sensor, Rear Cabin Color/IR Camera, Amplified Microphone System, 802.11n WiFi Data Upload Package, Magnetic/2D Card Reader,Extended Factory Warranty Plans

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