

The Power of 3

Introducing the Titan M7

mobile computing
ALPR
in-car video

COBAN





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COBAN

smartest toughest brightest fastest

Titan M7 delivers the most intelligent mobile office for law enforcement, offering any combination of mobile computing, digital video, and ALPR in one seamless platform.

Enhanced contrast ratio. Reduced reflection. Our 1600-nit monitor is the brightest monitor in the industry. Period.

The Titan M7 is one rugged system, MIL spec tested and certified. It is built to take on the temperature, shock, and vibration of the mobile environment. No sweat.

The multi-core Intel® i7 processor gives you the performance you need, running all your applications with lightning speed. In critical situations and every day, you'll get the information you need when you need it.

COBAN



In-Car Video

It's what we do. With a decade of experience, COBAN is the go-to company for in-car video solutions for law enforcement. Configure it in practically any way you want, COBAN can meet your policies and procedures. You've got control.

Automatic License Plate Recognition

ALPR plays a vital role in recovering stolen cars, stopping crimes, searching for missing or wanted persons, generating revenue from scofflaws, collecting intelligence and analyzing behavior patterns. Titan M7 wraps it all up into the most cost-effective ALPR solution on the market today.

Mobile Computing

COBAN's experience in the public sector results in a robust, flexible, component-based solution. Separating the CPU, monitor, and keyboard yields a monitor-keyboard combination that fits compactly in your car and can be mounted safely outside the airbag zone.

Titan M7: The Power of 3 1 Platform, 3 Solutions

Redefine the concept of the mobile office. COBAN Technologies does more with less. Titan M7 offers seamless integration of COBAN's leading-edge in-car video and ALPR with advanced mobile computing.

Fully scalable. The Titan M7 lets you choose the solutions you need. Start with a complete system, or add solutions over time. It's your choice.

Solution 1

MOBILE COMPUTING

Unprecedented power. Awesome speed. Mobile computing for law enforcement meets the future. The Intel® Core™ i7 based system simultaneously records video/audio, runs CAD/RMS, ALPR, and everything else you need for your mobile office.

Stay connected. Titan M7 unlocks barriers with an array of possibilities: Bluetooth, GOBI (3G/4G), WAN, WiFi, and more (see the specifications). GPS is optional.

Extreme design delivers a computer so tough, it meets military specifications¹. The entire system withstands harsh temperatures and the CPU houses an automotive-grade hard drive to withstand every bump, pothole, and curve thrown at it. Even the keyboard is safe from everyday splashes and spills.

The COBAN **Smart Power Module's** sophisticated logic and built-in, uninterrupted power supply (UPS) regulate vehicle voltage and protect the vehicle battery and the system's own power supply.

We are the brightest. Our 12.1" **1600-nit LED touchscreen monitor** shows every detail from every angle, under bright sunlight. Keyboard backlighting eases data entry in darkness.

Full **3-year** hardware warranty.

¹MIL Spec 810 G, the highest standard for mobile equipment in our industry

Solution 2

DIGITAL VIDEO

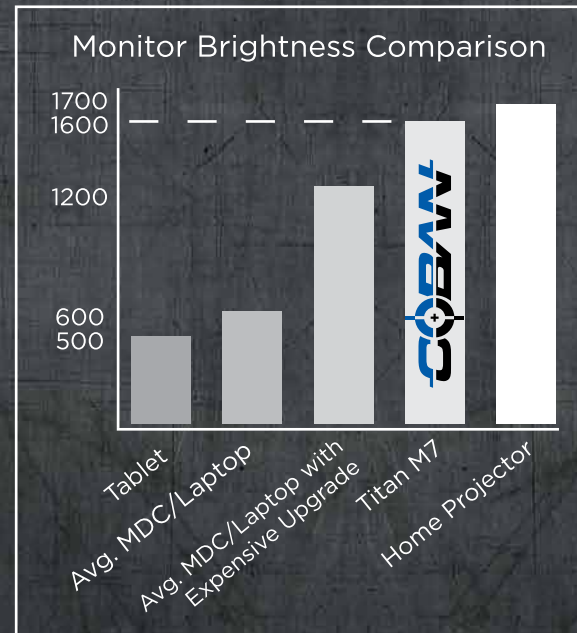
All videos are recorded at 30 frames per second in **H.264 Main Profile** format, the most advanced industry standard.

There's no tradeoff between **video quality and storage capacity**. With up to a 100 GB internal buffer area, Titan M7 can record for days without reporting back to the station.

Video uploads intelligently, wirelessly, automatically, without intervention. If interrupted, transfer resumes at the breaking point—not a single byte of data needs to be retransferred. Also enabled for wired and removable media uploads.

A system that updates itself. COBAN, first to provide a self-updating system, goes one step further by introducing **self-update function that supports third-party software** (CAD, ticketing, reporting, map apps).

Titan M7 comes **video-streaming enabled**—no additional hardware is necessary. (Requires 3G/4G connection and proper bandwidth).



The highest availability of video evidence out there: dual stream, **fail-safe recording**. Video is captured twice onto two independent media. We've got your back.

Travel back in time with COBAN's **Instant Replay**. This patent-pending feature constantly records in background to provide unlimited pre-events. Easily locate an earlier point; make a new video clip. The large internal fail-safe drive can take you back to a point earlier in a shift or several days ago.

ALPR

Hands down, the **most cost-effective** ALPR on the market today. Supports up to 4 cameras.

Titan M7 runs ALPR **continuously and automatically** while running CAD/RMS and recording video.

Leverages state and federal hotlists (lists of wanted persons, missing persons, stolen cars, etc.), increasing the likelihood of a **realtime catch**.

Generate your own **customized hotlist** from your existing data source (such as a list of local warrants) any way you want. COBAN's system can easily combine your hotlists with those from the NCIC or states.

The efficient backend system **gathers, analyzes, and acts on** information about cars/people of interest.

COBAN will assist cooperating agencies in developing a **regional shared ALPR server** for **data mining** that crosses jurisdictions.

Live data exchange. Support for realtime, in-the-field hotlist updates from the server and uploads scanned plates to the server at predefined intervals or when there is a hit.

The **chalking** application remembers vehicle location and alerts you when a vehicle's time limit has passed. The **parking permit** application alerts you to vehicles that are improperly parked in permit-specific areas.

COBAN Reliability COBAN Performance

● **Titan M7 uses COBAN's proven, time-honored user interface.**

● COBAN offers true scalable solutions for law enforcement agencies, from patrol car to back end. Every phase of evidence supervision—capture, transfer, storage, management—is handled with ease and integrity by the smallest department to the largest.

"COBAN, THE TRUE INDUSTRY LEADER"

COBAN Firsts:

2010 **Integrated video, mobile computing, & ALPR**

2009 **Integrated video & ALPR**

2008 **Disaster recovery solution**

2007 **Unlimited pre-event time & after-the-fact recording**

2006 **Redundant, fail-safe recording**

2005 **Enterprise solution**

2004 **Tape library solution**

2003 **Integrated video & mobile computing**

Hands-free, automatic system updates

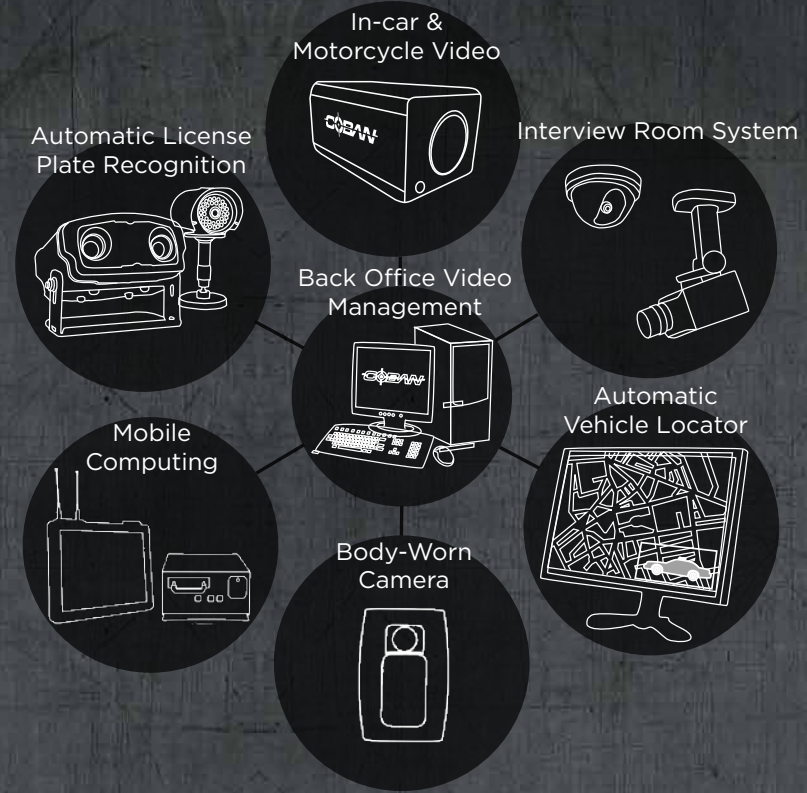
2002 **UPS-based smart power**

TECHNICAL SPECIFICATIONS

CPU
Display
Storage
Wireless
Power
Peripherals
Video (optional)
Audio (optional)

- Intel® Core i7-620LE Processor (4 MB Cache, 2.00 GHz)
- DDRIII 4 GB standard/8 GB maximum industrial RAM
- Microsoft Windows® 7 Professional OS (Windows® XP also supported)
- 12.1" active matrix color, resistive touch screen (glove friendly)
- Low power, 1600 nit VHB LED backlight monitor with 700:1 contrast ratio
- Built-in Bluetooth receiver and antenna on display module for clear signal; no external antenna needed
- 3 USB ports on monitor for easy access
- Auto-grade hard drive, 200 GB standard
- Solid state hard drive options available
- Solid state removable hard disk for video storage (32 GB, 64 GB, 128 GB options)
- Built-in 802.11 a/b/g/n card and antenna connectors
- Express Card slot for 3G/4G interface
- GOBI interface
- Built-in UPS
- Input range: 6V to 30V DC
- Power consumption: 4 amps (normal usage)
- RS-232 X 2
- USB 2.0 X 5, USB 3.0 X 2
- LVDS X 1, VGA X 1
- Express Card slot X 1
- GigaNet X 2
- Spill proof, backlit keyboard
- H.264 Main Profile encoding
- Supports up to six cameras/records five simultaneously
- Built-in video streaming
- Supports three separate audio channels (2 wireless, 1 in-car, covert mic)
- Wireless mic clear up to 1000 feet, 10 hour talk time
- Two programmable command buttons

QUALITY OFFERINGS FROM COBAN



For more information:
866.81.COBAN