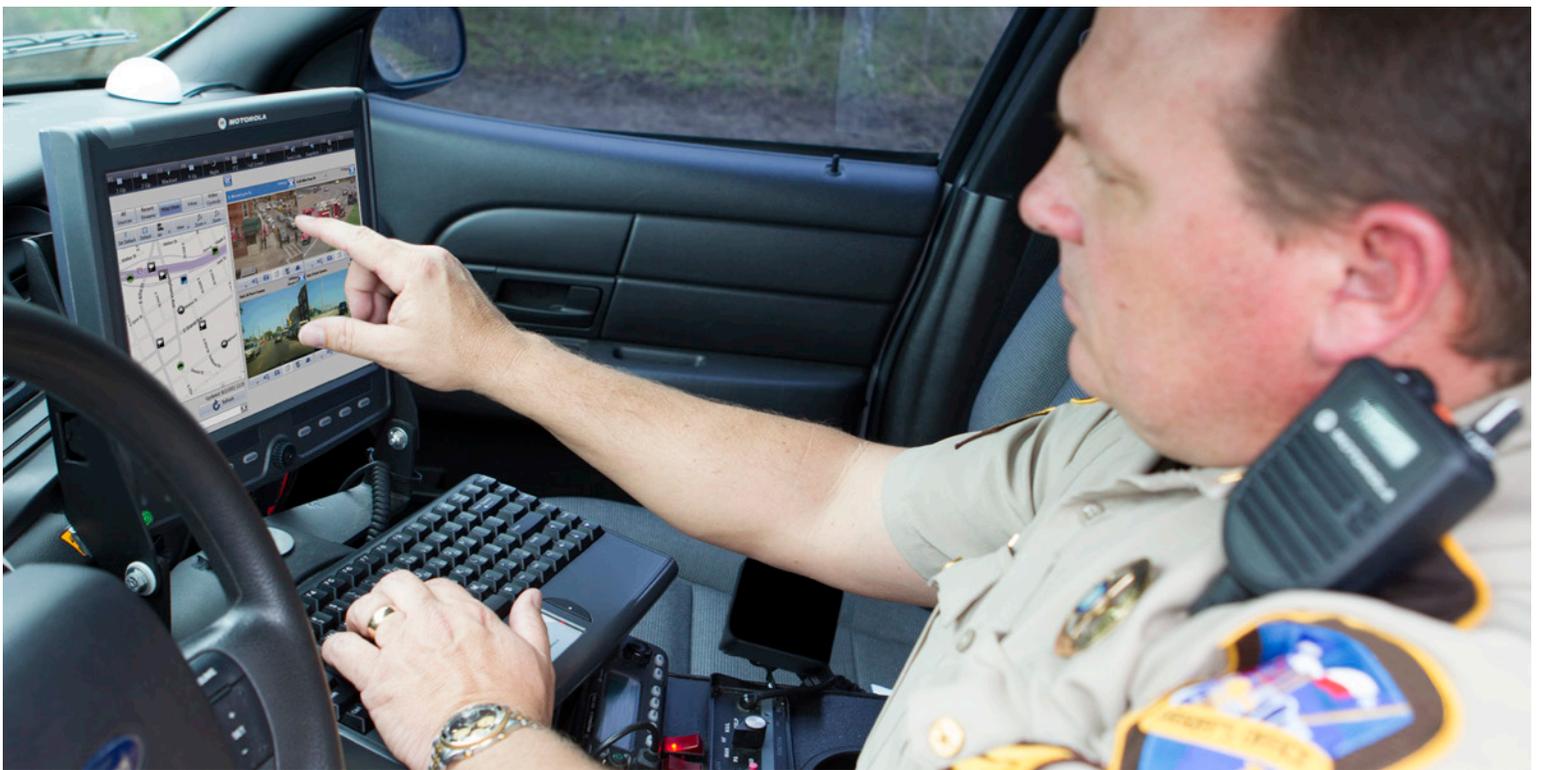


# MW810 MOBILE WORKSTATION CONNECTED POWERFUL RUGGED



## IN THE FIELD OF PUBLIC SAFETY, COMMUNICATION IS CRUCIAL

Users in mission critical environments – who are keeping the public safe, protecting property and providing first response – all require immediate information and preemptive intelligence. Safety and success depend on the right information at the right time, whether it's a call that comes in over the radio, suspect information arriving in a bulletin or real-time video delivered while en route to an incident.

The Motorola MW810 Mobile Workstation provides reliable, mobile wireless connectivity and computing power for mission-critical applications. It's powerful enough for the newest applications, and is designed to withstand round-the-clock use in a public safety vehicle.

### CONNECTED

A fast, reliable data connection is a force multiplier. Responders can stay in the field instead of returning to file reports or get information, while richer data allows for a more effective strategy from commanders and better response from personnel on scene. The MW810 supports multiple wireless modems, so you can connect to and roam between wireless networks – public or private.

### DESIGNED FOR THE WAY YOU WORK

A computer should adapt to the needs of public safety personnel. Motorola understands this and designed the MW810 accordingly. Its backlit, full-travel keyboard with built-in mouse can be picked up and held in your lap, for maximum user comfort. The three-piece configuration – CPU, keyboard, display – allows mixing and matching of options to suit your needs, as well as easy upgrades and replacements. The CPU (Central Processing Unit) can be mounted inside the vehicle to reduce wiring – or in the

trunk to save space. Its modular design lets you select only the features each vehicle needs, while staying with a single overall platform to lower costs and maximize your investment.

### ENHANCED PERSONNEL SAFETY AND ACCOUNTABILITY

Few technologies enhance personnel safety and accountability better than Global Positioning System (GPS), which pinpoints the vehicle's location. The MW810 supports not only standard GPS, but also Dead Reckoning GPS, which helps with vehicle location even where a GPS satellite signal is poor or intermittent – such as in tunnels, urban canyons or parking garages. Combined with the emergency button at the top of every display, which lets the user send a distress call without typing or saying a word, the MW810 is a powerful way to keep your personnel safe, even when their environment is not.



Fully rugged: withstands vibration, water, dust and more.

Connects with public wide-area data networks (multiple options)

Optional 4G/3G WAN, Wi-Fi™ and Bluetooth® support

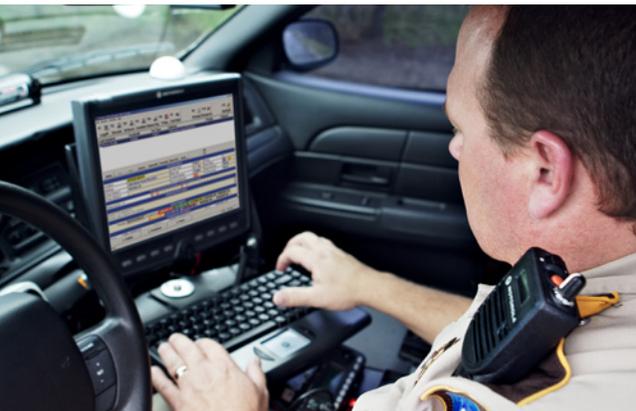
Resistive, tempered glass touch-screen display. High brightness (optional): 1500 NIT

One-touch emergency button

Optional GPS and Dead Reckoning GPS support

Modular design: CPU, display and keyboard can be bought and replaced separately

Optional dual-display support



“It is remarkable how much benefit a law enforcement agency and consequently the public can experience from a successful mobile computing system. ...[T]he percentage of savings in time, personnel, money, consumables, accuracy and safety can be truly monumental, often between 20 to 40 percent.”

Source: “Mobile Computing Technologies”  
IACP Technology Desk Reference, International Association  
of Chiefs of Police



“There was no question that the MW810 was the best choice. It has met every expectation the officers had and is the best we’ve ever used.”

Jamie Hess – Chief of CLEMIS Division Courts and Law Enforcement Management Information System Oakland County, Michigan

## EXPERTISE ON DISPLAY

The most advanced computer is of no use if you can't see what's on the screen. Knowing this, Motorola put all its expertise in designing a display appropriate for public safety, with results that are nothing short of exceptional. The display is clear and easy to read, even in direct sunlight. Touch screen capability is standard, to ensure the most intuitive operation that does not distract from the mission – even when wearing gloves. Customizable buttons give instant access to frequently used programs or functions. An easy-to-use knob gives you control over settings such as brightness and contrast. The viewing angle is wide enough that both driver and passenger can see the same screen clearly. For larger vehicles – such as command, fire truck, or ambulance – the MW810 supports a second touch screen.

## AS TOUGH AS THE JOB IT'S BUILT FOR

The same engineering discipline that went into developing Motorola's radios is evident in the construction of our MW810 Mobile Workstation. The display is made from tempered glass for safety and durability. All components are tested in accordance with U.S. Military Standard 810G and other standards for resisting temperature extremes, vibration, shock, humidity, dust, and other hazards of use in harsh conditions. Then, the MW810 must pass Motorola's own 12M tests, which can be even more challenging – requiring, for example, that the MW810 pass the test while powered on. After all, when it comes to public safety equipment, what may be good enough for others is only a start for Motorola.

## AUTOMATIC LICENSE PLATE RECOGNITION (ALPR)

ALPR is a technology that uses computer pattern recognition to read license plates through cameras mounted outside the police vehicle. The cameras connect to a vehicle-mounted computer, where ALPR software compares captured plates against one or more databases of vehicles that are stolen, involved in a crime or are otherwise of interest. This continues, automatically and silently – at highway speeds – until a match is found.

With ALPR, the officer travels along the patrol route at normal speed, while the ALPR system continuously scans the license plates of parked and moving cars, performing the ALPR process of plate capture, plate read and database comparison in less than one second. Up to 8,000 plates can be read in a typical eight-hour shift.



Motorola offers an ALPR Expansion Board for the MW810 that supports up to four Slate™ digital ALPR cameras from PIPS Technology. Working together, Motorola and PIPS have created an ALPR solution with unparalleled power, intelligence, and flexibility – and without the footprint of a separate ALPR processor.



“Motorola Solutions MW810 Mobile Workstation was the hands-down best choice to keep our firefighters safe and our citizens connected. It’s a fundamentally good, rugged computer that rises to the challenge every time.”

Tom Jenkins, Fire Chief, Rogers Fire Department

## SPEEDING UP EMERGENCY RESPONSE IN ROGERS, ARKANSAS

The Rogers Fire Department relies on their MW810 Mobile Workstations to have as much real-time information as possible, en route and at the scene. They seamlessly integrate with existing systems, and have resulted in a 25-second reduction in response time.



## HELPING SAVE LIVES IN CANADA

A Canadian ambulance service – one of the largest EMS providers in North America – installed MW810 Mobile Workstations in their rescue vehicles. Staff receive and acknowledge dispatches using the 8.4” touch screen, saving time and ensuring the most up-to-date information. Both are critical when a few seconds can mean the difference between a life saved and a life lost.



## WATCHING THE CITY STREETS

In a large American city, the versatile MW810 Mobile Workstation helps watch the streets – even though it’s not actually mobile. Mounted on street lights, the Motorola POD1000 Integrated Camera System is a flexible, dependable solution that lets municipal law enforcement monitor streets, intersections, parks, and more. At the heart of every camera system is an MW810 CPU, running the software and recording video. With temperatures that can plunge below zero in the winter and soar over 100°F in the summer, the camera pods need to be rugged and weatherproof; thanks to the MW810, they are.

To learn more about how you can put the Motorola MW810 Mobile Workstation to work in your vehicles, visit [motorola.com/mw810](http://motorola.com/mw810).

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