




M500

NOW OBSERVATION BECOMES ACTION

M500 IN-CAR VIDEO SYSTEM



MOTOROLA SOLUTIONS



**THE MORE YOU
KNOW WHAT'S
OUT THERE, THE
MORE YOU CAN
KEEP YOURSELF
AND THE PEOPLE
YOU SERVE SAFE**

SCAN.
ANALYSE.
REACT.



INTRODUCING THE M500 IN-CAR VIDEO SYSTEM

A groundbreaking leap forward in
awareness, safety, and efficiency.





MISSION-CRITICAL DESIGN

USE WITH CONFIDENCE IN THE TOUGHEST CONDITIONS

Built on exacting research and real-world feedback, the M500 is designed to withstand the toughest conditions and to work intuitively in the most demanding situations.



**AN INTUITIVE
INTERFACE MAKES
IT SIMPLE TO
OPERATE, WITH NO
FUNCTION MORE
THAN THREE
TAPS AWAY**



The easy-to-install system has a minimal footprint, with small form-factor devices providing unobstructed views.

Ultra-durable camera mountings lock into position to resist tampering and impacts.

An intuitive user interface makes it simple to operate, with no function more than three taps away.

Footage is securely encrypted - at rest and in transit - to combat cyber threats.

Even if your vehicle is in a serious collision, the system can switch to a built-in UPS (Uninterruptible Power Supply) to continue capturing evidence for those vital extra seconds.



INDUSTRY-LEADING VIDEO

CATCH THE CRITICAL DETAILS OTHER CAMERAS MISS

With industry-leading video capture and playback, the M500 delivers a clear record of every incident.



**THE 4K FRONT
CAMERA CAN
RECORD IN
CRYSTAL-CLEAR
1080P, WITH
PANORAMIC AND
FOCUSED VIEWS**

The front camera and cabin camera deliver the high-resolution footage you need to precisely document events as they unfold.

The front camera creates wide angle and focused streams, each in dual resolution, to ensure you capture the whole picture.

That visual detail and data drives the M500's AI capabilities, so it can accurately analyse events, flag threats, and identify search targets in real time.

The cabin camera's built-in infrared floodlight illuminates the passenger compartment to record every action that occurs.

And the ultra-high resolution touchscreen control panel lets you monitor what's out there, review past events, and see exactly what you need to know.

CAPTURE





EMBEDDED INTELLIGENCE

KNOW WHAT'S OUT THERE WITH REAL TIME AWARENESS

Far more than an eye recording what it sees, the M500 is a brain analysing everything around you and flagging what you need to know.

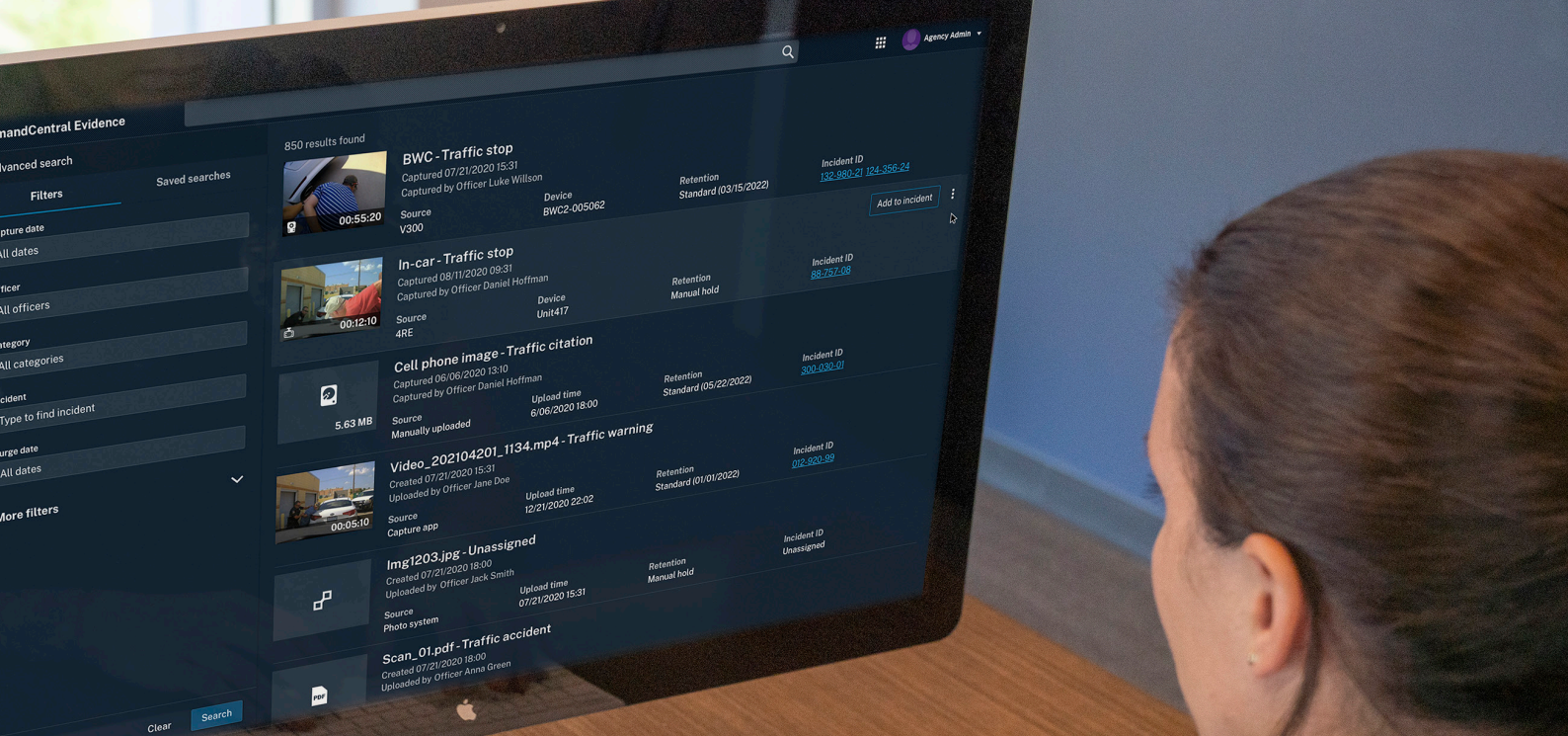
Inside the vehicle, object detection analytics activate the cabin camera if, and only if, the back seat is occupied.

Exhaustive testing helps ensure our algorithms provide accurate, unbiased results so you can serve your communities fairly and responsibly.

A combination of edge algorithms are carefully orchestrated to give you the quickest, most accurate results.

You always have critical information you need to make smarter, faster decisions, to keep everyone safer.





POWERFUL ECOSYSTEM

CONNECT YOUR TECHNOLOGY TO WORK SAFER AND SMARTER

As part of the Motorola Solutions technology ecosystem, the M500 amplifies the capabilities of the mission-critical technology you already count on.

**CREATE GROUP
RECORDINGS WITH
VB400 BODY-WORN
CAMERAS, FOR
MULTIPLE
VIEWPOINTS ON
EVERY INCIDENT**

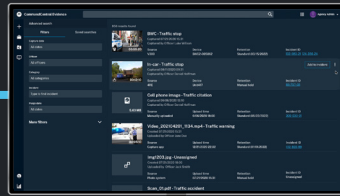


CAPTURE MANAGE REVIEW SHARE



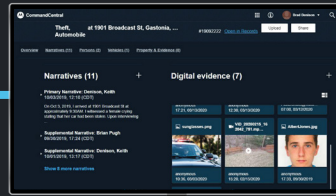
WIRELESS VIDEO UPLOAD

Use Wi-Fi and LTE to upload events from M500 to our Evidence Management Platform



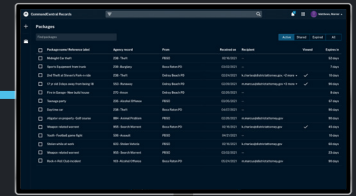
DIGITAL EVIDENCE MANAGEMENT

Aggregate and intelligently organise M500 video and other media in our Evidence Management Platform



CONSOLIDATED RECORD VIEW

Easily view all incident information, including the digital evidence, from one location



JUDICIAL SHARING

Securely share with prosecutors, other agencies and the community with chain of custody intact



AUTOMATED TRANSCRIPTION

Save valuable time by automatically transcribing audio and video files.



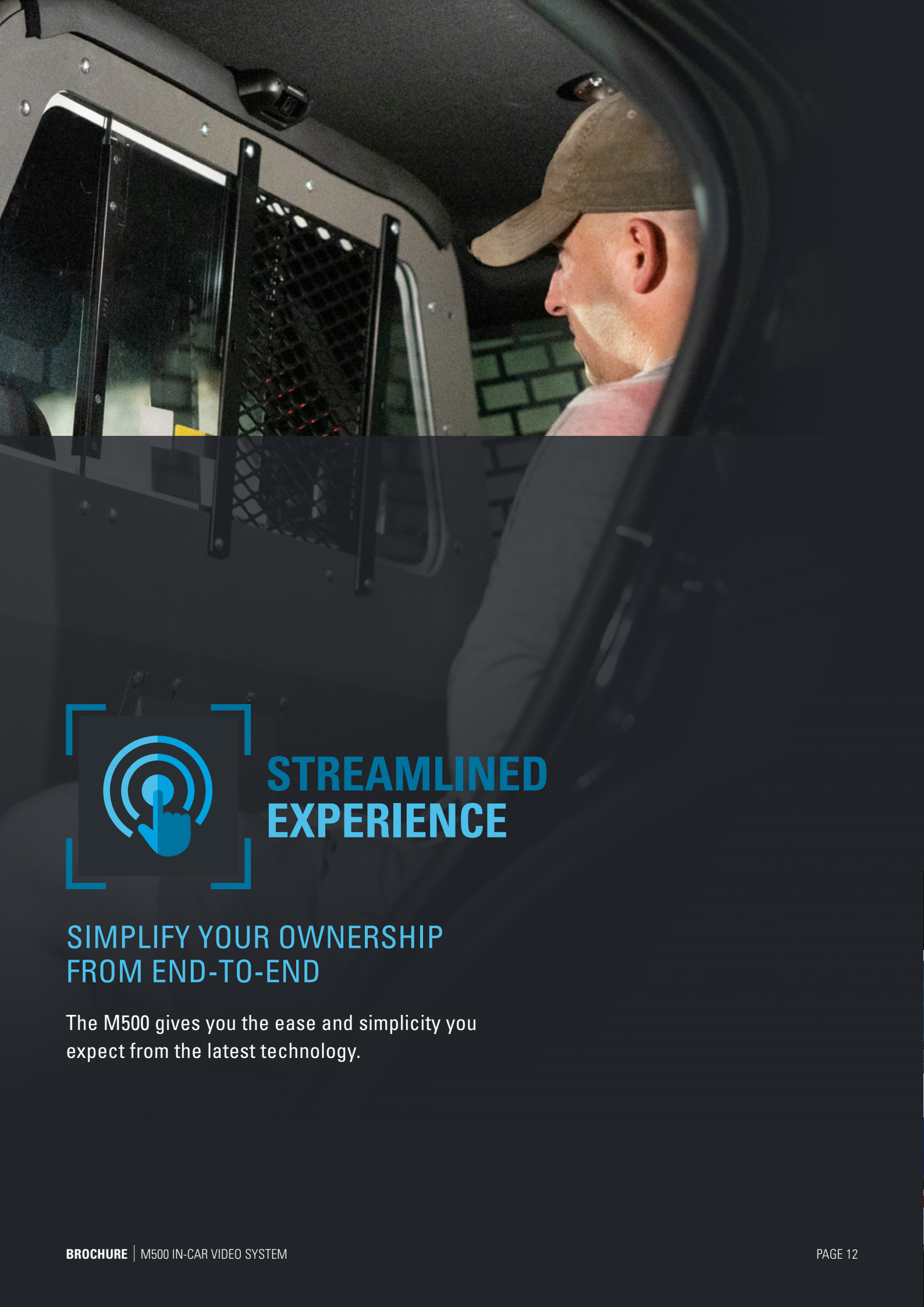
VIDEO REDACTION TOOLS

A robust suite of native redaction tools help protect personally identifiable information.



SYNCHRONISED PLAYBACK

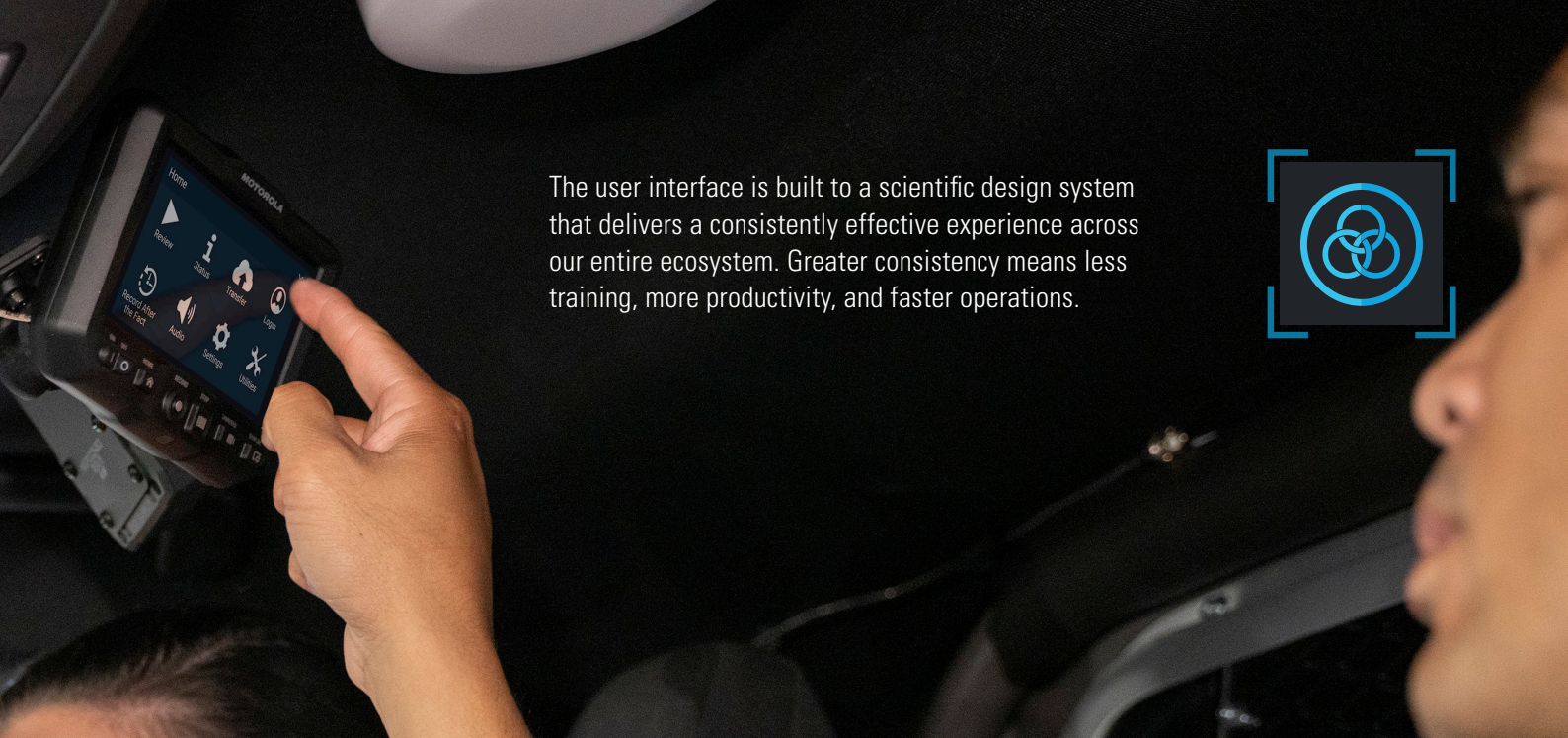
Simultaneously see and hear recorded video and audio from multiple devices.



STREAMLINED EXPERIENCE

SIMPLIFY YOUR OWNERSHIP FROM END-TO-END

The M500 gives you the ease and simplicity you expect from the latest technology.



The user interface is built to a scientific design system that delivers a consistently effective experience across our entire ecosystem. Greater consistency means less training, more productivity, and faster operations.



**ADD NEW AI
APPLICATIONS,
CAMERAS,
SENSORS, VOICE
CONTROLS, AND
INTEGRATIONS
AS YOUR NEEDS
CHANGE.**

The moment you log into the M500, your settings and preferences are automatically applied - whichever vehicle you're in.

The system is easy to install and can be remotely programmed and updated via the cloud or Wi-Fi connection.

Video can be livestreamed and uploaded via broadband connection directly into the video management platform.

Our comprehensive warranty and support services give you complete peace of mind.

And the entire system is designed to evolve alongside you. You can easily add new AI applications, cameras, sensors, voice controls, and integrations as your needs and operations change.



SPECIFICATIONS

M5F FRONT CAMERA

- 4K (8MP) sensor
- Delivers 1080p video evidence as panoramic and focused field of view
- 1.7 sq in BL-CMOS automotive-grade sensor
- Excellent low-light performance
- Calibrated and locked into position at installation



M5P CABIN CAMERA



- 1080 resolution (4 MP)
- Built-in infrared illumination
- High-grade microphone with wind porting
- Complete cabin coverage
- IP54, with built-in lens de-fogging
- Calibrated and locked into position at installation

M5R REAR CAMERA

- 1080 resolution
- Viewing Angle 108° / Wide view
- Low Light Performance 0.07 lux
- Sensor Technology CMOS
- Environmental Protection IP54



SPECIFICATIONS

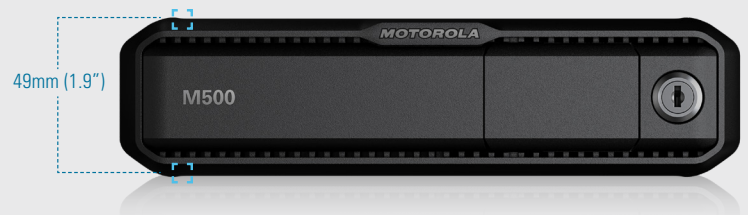
M5D CONTROL PANEL

- Screen size: 127mm diagonal
- Resolution: 1920 x 1080 pixels
- Industrial-grade capacitive multi-touch screen
- 7x dedicated buttons for critical features
- Standard, covert and dark modes
- Silicone overmold for secure grip
- Built-in ambient light sensor



M500 CORE PROCESSOR

- Powerful multi-processor architecture
- Optimised for video analytics
- 1 TB automotive-grade solid-state hard drive
- 128 GB removable USB drive (keyed access)
- AES256 encryption on all stored content
- Accelerometer for impact detection
- Supports up to 5 cameras (3 at launch)
- Built-in GPS
- Remote triggers
- Integrated with VB400 body-worn cameras for group recordings
- Record-after-the-Fact™ evidence recovery technology
- Built-in UPS (approx 10 secs of operation if power is lost)





For more information, please visit
www.motorolasolutions.com/M500

Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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