

DPM PRODUCTS AT-A-GLANCE



**A NEW LEVEL OF PERFORMANCE, AFFORDABILITY AND
TOTAL COST OF OWNERSHIP FOR DPM APPLICATIONS**





THE NEXT GENERATION OF DIRECT PART MARK (DPM) SCANNING DEVICES

Direct part marking applications used to require expensive high-end systems that often delivered less-than-acceptable scanning performance. Not anymore. Motorola has taken a different approach that brings a new level of affordability and performance to DPM. Forget about the large systems-oriented approach to DPM. We've added direct part marking capability to select Motorola devices. The result is a family of cost-effective rugged devices that deliver superior scanning performance for both bar codes and direct part marks.

When you need to scan DPM marks, think Motorola.

Our DPM-enabled scanners and mobile computers deliver the same level of reliability that has made us a world leader in bar code scanning. You can count on patented high-performance scanning technology that delivers accurate and reliable data capture, regardless of the surface on which the mark is printed, the read distance or the size and type of the mark. You can count on maximum uptime — our devices are built to endure all-day everyday use in demanding manufacturing and warehouse environments. You can count on maximum flexibility — the ability to read DPM marks as well as standard black and white printed bar codes means a single device now meets all your scanning needs. And you can count on reduced costs through a powerful single enterprise scanning platform that simplifies your technology architecture and enables applications and their costs to be leveraged across devices.

Get a new level of performance, affordability and total cost of ownership in your DPM applications — with Motorola's DPM portfolio.





ACHIEVE NEW LEVELS OF PRODUCT TRACEABILITY AND QUALITY WITH OUR NEXT GENERATION MULTIFUNCTION HIGH-PERFORMANCE DPM READERS.

When you choose Motorola for your DPM solutions, you can expect:

Patented features that address distance, size and surface issues

When it comes to scanning performance, nobody does it better than Motorola. Rich scanning functionality eliminates many of the requirements typically associated with scanning of direct part marks — from lighting to presentation position. Our devices can decode multiple DPM formats, including the most difficult mark — dot peen — as well as laser etch, chemical etch, inkjet, mold, cast and thermal spray. Where most DPM readers require an extremely close read range (from contact to 2 in./5.08 cm), our unique technology provides a greater scanning distance. Our patented, highly-advanced EZ-DPM software capture enables the fast capture of the widest range of mark sizes and densities, regardless of surface — including the hardest to read DPM codes. Now, you can choose a mobile handheld or fixed device to enable reading of very small to very large marks on even the hard-to-read surfaces — from highly reflective metal to black rubber and glass. The result? Better worker productivity. Greater application flexibility. And more successful DPM initiatives.

Superior ease of use...and user comfort

Motorola's DPM-enabled devices are easy to use, significantly reducing the need and costs associated with training. Even new users can successfully scan in seconds. The omnidirectional scan pattern eliminates the need for workers to precisely align the scanner with the direct part mark or any bar code. Our patented laser aiming technology lets your workers see where they are aiming before scanning — so information is captured quickly and correctly, the first time. And our award-winning Industrial Design team delivers ergonomics that provide all day comfort, even in the most intense scanning environments.

A platform for today and tomorrow

Our family of mobile computing and bar code scanners is built on a common platform for a simpler mobility architecture. The resulting reduction in device types and operating systems reduces the demands on an often already over-tasked IT department. Applications can be easily ported between Motorola devices, enabling you to get the most out of your application investment dollars. And further savings are realized through reduced training requirements, as well as the ability to share accessories between same-series models.

A new level of cost-efficiency... and return on investment

Motorola delivers a new level of cost-efficiency for direct part mark readers that most competitive systems simply cannot offer. Motorola DPM products are extensions of existing product lines that are manufactured in volume, offering affordable pricing. Built for the enterprise, you can count on reliable operation everyday, even in your most demanding environments. The dual functionality — the ability to read direct part marks as well as standard 1D and 2D bar codes — eliminates the need to purchase, maintain and support multiple devices throughout your enterprise, from the manufacturing floor to the warehouse, receiving dock and more. And our exceptional service packages offer features such as on-site repair and overnight exchange to ensure enterprise class protection against downtime. The result is a low total cost of ownership (TCO) and a rapid return on investment (ROI) — a real value.

For more information, please visit us online at www.motorolasolutions.com/dpm or access our global contact directory at www.motorolasolutions.com/contactus

MOTOROLA'S FAMILY OF DPM-ENABLED PRODUCTS

			RUGGED SPECIFICATIONS			DATA CAPTURE FUNCTIONALITY					CONNECTIVITY			MANAGEABILITY
	Photo	Description	Sealing	Drop Spec	Tumble Spec	Direct Part Marks (DPM)	1D Bar Codes	2D Bar Codes	Image Capture	EZ-DPM Software	WWAN	WLAN	WPAN	MANAGEABILITY
MOBILE COMPUTERS														
MC55A0		The MC55A0 rugged enterprise Wi-Fi mobile computer is the perfect blend of form and function. Pure business on the inside and smart styling on the outside, the MC55A0 lets your workers access business applications, scan bar codes and direct part marks, snap a photo, view a video and make and receive private and push-to-talk voice calls. The sleek lightweight design is not only pocketable, but it's built for all day every day use inside your buildings as well as in the outdoor areas of your facilities — and our toughness tests prove it. Packed with the latest in technology, this powerful platform offers the most current mobile operating system for the enterprise, as well as the fastest processor and largest memory footprint in this device class.	IP64	Multiple 6 ft./1.8 m drops	1,000 1.6 ft./0.5 m tumbles	•	•	•	•	•		IEEE 802.11a/b/g	Bluetooth Class 2, v2.1 EDR	MSP
MC75A		The 3.5G MC75A, one of the world's premium EDAs, offers more features and functionality in a field-proven rugged form factor than any other device in its class. The turbocharged MC75A addresses business critical mobility needs by maximizing processing power, rugged design, application flexibility, data capture capabilities, connectivity options, security and manageability — all in one device. Two options — 3.5G WWAN/WLAN and WLAN only — enable enterprises to standardize on a single EDA to support workers inside and outside the four walls. Add a field-proven ergonomic design that is easy-to-carry and easy to use, and you have maximum value in a minimum footprint — all at the right price.	IP54	Multiple 6 ft./1.8 m drops	1,000 1.6 ft./0.5 m tumbles	•	•	•	•	•	3.5G WAN (HSDPA or CDMA EVDO Rev A)	IEEE 802.11a/b/g	Bluetooth Class 2, v2.1 EDR, IrDA	MSP
MC3100 SERIES		The MC3100 Series brings cost-effective mobility and user comfort to key-based applications within the four walls. These rugged and ergonomic devices are purpose-built for demanding environments within the enterprise walls and offer advanced computing power and data capture capabilities, enhanced security and enterprise class accelerometer. The MC3100 captures 1D and 2D bar codes as well as direct part marks, still images and documents. Choose the form factor that is best for your application: straight-shooter, gun or turret. And a variety of keypads can meet the needs of virtually any type of application.	IP54	Multiple 5 ft./1.5 m drops	500 1.6 ft./0.5 m tumbles	•	•	•	•	•		IEEE 802.11a/b/g	Bluetooth Class 2, v2.1 EDR	MSP
MC9190-G		When you need to collect data in the harshest of environments, the MC9190-G is ready for the job. As the next evolution in the highly successful MC9000 Series, this gun-style mobile computer offers the latest in scanning technology, industry-leading rugged design and a full VGA for easy viewing in any lighting condition. The DPM option is tailored for very high density bar codes as well as virtually any direct part mark. The MC9190-G is packed with advanced features — from its blazing fast 806 MHz processor to an enterprise-class accelerometer, integrated RFID tag for device tracking, government-grade wireless security and much more. And with the multiple scanning configurations and field-replaceable interchangeable keypads, there is a model that will meet the needs of your business — and your users.	IP64	Multiple 6 ft./1.8 m drops	2,000 3.2 ft./1 m tumbles	•	•	•	•	•		IEEE 802.11a/b/g	Bluetooth Class 2, v2.1 EDR	MSP
MC9500-K		The Motorola MC9500-K raises the bar for premier rugged mobile computing, incorporating breakthrough ergonomic design and features to support the most demanding field mobility applications. Truly in a class of its own, this groundbreaking device is as different on the inside as it is on the outside. You'll get a more rugged design, more data capture options, true WAN technology independence and application flexibility through customer-swappable WAN subsystems and keypads, more processing power and a game-changing approach to battery and backroom management — all in a light, sleek and easy-to-use form factor.	IP67	Multiple 6 ft./1.8 m drops	2,000 3.2 ft./1 m tumbles	•	•	•	•	•	Modular 3.5G WAN (GSM HSDPA or CDMA EVDO Rev A)	IEEE 802.11a/b/g	Bluetooth Class 2, v2.1 EDR, IrDA	MSP
SCANNERS														
DS6707-DP		The DS6707-DP is a premier general purpose scanner capable of capturing images and reading virtually all 1D and 2D bar codes and direct part marks. This handheld DPM digital imager scanner is ideal in industries that depend on a wide variety of data types, such as healthcare, aerospace and automotive. With an omnidirectional scan pattern, viewfinder and aiming bulls-eye, the DS6707-DP is easy to use and requires virtually no training — regardless of whether your workers are capturing a standard bar code or a direct part mark.		Multiple 6 ft./1.8 m drops		•	•	•	•		•			RSM
DS3508-DP		The powerful DS3508-DP captures all 1D and 2D bar codes, as well as every type of direct part mark with extraordinary speed. This corded device integrates Motorola's breakthrough imaging performance with highly advanced DPM-specific software, focusing capability that's optimized for very tiny and dense 2D bar codes and integrated IUID parsing capability. The result is a single cost-effective data capture solution that lets government agencies and industrial manufacturers (including automotive, aerospace and medical) affordably enhance their quality processes and improve product lifetime traceability.	IP65	Multiple 6.5 ft./2 m drops		•	•	•	•	•	•			RSM
DS3578-DP		The cordless DS3578-DP captures all 1D and 2D bar codes, as well as every type of direct part mark with extraordinary speed. Engineered with breakthrough imaging performance, this powerful device includes highly advanced DPM-specific software, focusing capability that's optimized for very tiny and dense 2D bar codes, integrated IUID parsing capability and Bluetooth® cordless freedom. The result? A single cost-effective data capture solution that lets government agencies and industrial manufacturers (including automotive, aerospace and medical) affordably enhance their quality processes and improve product lifetime traceability.	IP65	Multiple 6.5 ft./2 m drops		•	•	•		•		Bluetooth Class 2, v2.1 EDR		RSM
MS4400		One of the smallest CCD imaging products available today, the MS4400 Fixed Mount Bar Code Scanner excels at 1D and 2D bar code scanning, image capture and DPM reading. Built-in omni-directional capture and intuitive aiming helps ensure fast, accurate scanning, regardless of who is operating the device. The MS4400 is also available as a scan engine (SE4400), which allows for a smaller size and lower product costs.		Multiple 30 in./ 76 cm drops		•	•	•	•				•	
DS457		The DS457 Series delivers fast, high-volume hands-free scanning of virtually any bar code — including 1D, 2D and direct part marks, along with still images and video. The tiny fixed mount scanner is ideal where a zero or minimal footprint is required. At just 1.15 in. H x 2.3 in. L x 2.44 in. W (2.92cm H x 5.84cm L x 6.2cm W), this device can be mounted just about anywhere. And workers can choose presentation or trigger-activated mode to meet a wide variety of applications.	IP54	Multiple 30 in./ 76 cm drops		•	•	•	•				•	
MT2000		The MT2000 Series represents another industry first from Motorola — the marriage of the simplicity of a scanner with the brainpower of a mobile computer in an ultra-ergonomic gun-style form factor. This versatile device provides advanced 1D/2D bar code, DPM and image capture, as well as the ability to key in and view data. 802.11a/b/g, Bluetooth, corded and batch connectivity options provide the flexibility to meet a wide range of applications, and the ergonomic yet rugged design offers comfortable, reliable operation throughout your environment. Built on the .Net platform for easy application development, the MT2000 Series also comes pre-loaded with inventory software and an MCL client to facilitate porting of new and legacy applications.	IP54	Multiple 6 ft./1.8 m drops	200 3.2 ft./ 1 m tumbles	•	•	•	•		•	Bluetooth; IEEE 802.11 a/b/g (MT2090)		MSP

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