

MP7000 Scanner Scale

Get unsurpassed checkout speed, reduce loss and protect profitability in the busiest stores

Deliver a superior checkout experience for cashiers and shoppers in high volume POS lanes with the MP7000. This next generation multi-plane 1D/2D imager is loaded with features that take scanning performance and simplicity to the next level for faster-than-ever checkout in cashier-manned and self-checkout lanes. With the optional color camera, you can develop exciting new applications, such as identifying and recognizing produce for faster checkouts and preventing barcode switching and other risks in self-checkout. A smart investment, the MP7000 offers an unmatched industry-best total cost of ownership (TCO) by delivering maximum uptime and minimum power consumption in an easy-to-service design with fewer parts and components. And with Zebra's complimentary powerful management applications, you can remotely manage all of your MP7000s, no matter where they are located.



Fast Checkout Performance

Unparalleled scanning performance in the busiest checkout lanes

Keep checkout lanes moving and process more transactions per shift. With our most advanced scanning technology, cashiers and self-checkout shoppers alike can instantly capture virtually every electronic and printed 1D or 2D barcode. And Zebra's sophisticated algorithms enable the first-time every-time capture of even damaged, poorly printed and dirty barcodes.

Large scan volume maximizes checkout speed

The MP7000 offers the largest scan volume in its class, allowing your workers to simply swipe-and-go, boosting cashier productivity and your shoppers' checkout experience.

Customer Side Scanner increases productivity

With the optional side scanner, customers can simultaneously scan mobile coupons, loyalty cards and impulse buy items — without slowing down the cashier.

Innovation at the POS

Optional advanced color camera

The high-resolution 2.3 Megapixel color camera supports new applications that deliver major business benefits. With product recognition and identification applications, the camera can identify items like produce, enabling a shortened picklist for simpler and faster checkouts. You can also help reduce self-checkout related losses by verifying the proper barcode is scanned for an item. And with the color camera, you can build the image database to support these new item recognition applications.

Maximize the speed and quality of the checkout experience for cashiers and shoppers in the busiest stores with the MP7000.

For more information about the MP7000, visit www.zebra.com/mp7000

Integrated support for Digimarc®

The ability to scan Digimarc-enhanced product packages from any angle drives faster retail checkout, reducing the time shoppers spend in line.

Doubles as a document scanner

The optional color camera can quickly and easily capture high quality images of checks, receipts, utility bills or items not on file.

Intelligent illumination

The MP7000 illumination only activates when an item is in the scan zone. And since the illumination is recessed, it's practically invisible, easy on the eyes of your cashiers and your shoppers.

Integrated EAS support

Supports the Electronic Article Surveillance system you have in place today.

Unrivaled Manageability

Unprecedented management capability

With every Zebra MP7000, you get powerful complimentary management software for easy remote management of your entire scanner solution — scanner, scale and all attached peripherals, such as a handheld scanner. And with predictive diagnostics, the information you need to keep your MP7000 devices up and running is always at your fingertips.

Industry Best TCO

Easy to deploy

The MP7000 is designed to easily fit into your existing cash wrap, providing a cost-effective path to deploying the latest POS technology in your checkout lanes.

Lowest power consumption in the industry

Our intelligent illumination system consumes up to 60 percent less power than competitive devices, greatly reducing power consumption and cost.

Superior durability for maximum uptime

With solid state technology, the MP7000 has no moving parts, providing the fewest failure points in this class. The result? Fewer repairs, maximum uptime and a low total cost of ownership (TCO).

Easy to service

The MP7000 was designed with fewer components and parts and an upper housing that can be removed without tools. As a result, reliability is greatly improved, there are fewer parts to stock and less time is required for repair.

MP7000 Specifications

Physical Characteristics	
Dimensions	Long scanner and scanner/scale: 20 in. L x 11.5 in. W x 4.00 in. D x 5.00 in. H 506 mm L x 292 mm W x 102 mm D x 128 mm H Medium scanner and scanner/scale: 15.7 in. L x 11.5 in. W x 4.00 in. D x 5.00 in. H 398 mm L x 292 mm W x 102 mm D x 128 mm H Short scanner: 13.9 in. L x 11.5 in. W x 4.00 in. D x 5.00 in. H 351 mm L x 292 mm W x 102 mm D x 128 mm H
Weight	Long scanner: 14.6 lb/6.6 kg Long scanner/scale: 17.6 lb/8.0 kg Medium scanner: 12.6 lb/5.7 kg Medium scanner/scale: 15.7 lb/7.1 kg Short scanner: 12.1 lb/5.5 kg
Scale	30 lb in 0.01 lb increments/15 kg in 5 g increments Maximum static weight: 300 lb/136 kg Single-cable and dual-cable protocols Compatible with Mettler price computational scales Options: 0-12 lb in 0.005 lb increments and 12-30 lb in 0.01 lb increments 0-6 kg in 2 g increments and 6-15 kg in 5 g increments Single-head and dual-head remote scale displays
Horizontal Glass	Sapphire; produce flip-up bar on scale models
User Interface	Soft touch capacitive pads (no buttons to break or wear out) Large two-color LED Beeper: adjustable volume and beep tones Four programmable buttons
Ports	One shared POS port for USB/RS-232/IBM RS-485 Three USB peripheral ports Two powered RS-232 peripheral ports Checkpoint interlock port Remote scale display port
Power	12VDC from POS interface cable (USB PlusPower or RS-232) Zebra PWR-BGA12V50W0WW power supply: 90V - 264V (110-240 nominal), 47-63Hz (50-60 nominal) Power consumption: Idle mode: 3.0 W (typical) Active mode: 5.5 W (typical), 6.0 W (maximum, only when illumination is on) Typical usage power = 3.5 W, assuming 18% active, and 82% idle
User Environment	
Operating Temperature	32° F to 104° F/0° C to 40° C
Storage Temperature	-40° F to 158° F/-40° C to 70° C
Humidity	20 to 95% non-condensing
Imaging Technology	
Type	Multiple CMOS Array Imager
Illumination	Intelligent Illumination, controlled by item detection system
Sides Read/Scan Zone	Reading of linear and 2D codes in all planes

Imaging Technology (continued)	
1D Symbolologies	2 of 5 (Interleaved, Discrete, IATA, Chinese); Bookland EAN; Code 128; Code 39 (standard, full ASCII); Code 93; EAN128; EAN-13; EAN-8; GS1 DataBar (Omnidirectional, Truncated, Stacked); GS1 DataBar Expanded coupon; GS1 DataBar Limited; GS1 DataBar Expanded (regular, stacked); JAN 8; JAN-13; MSI/Plessey; TLC-39; Trioptic Code 39; UPC-A; UPC-E; UPC-E1; 2-digit Supplementals; 5-digit Supplemental; Codabar; Pharmacode (Code 32)
2D Symbolologies	Aztec; Datamatrix; MicroPDF417; MicroQR Code; PDF417; QR Code; Han Xin
Digimarc	Digimarc barcode
Color Camera	
Resolution	2.3 Megapixel
Frame Rate	Image capture synchronization with MP7000 scanner at 45 frames per second
Interface	Industry standard USB 3 Type-C
Illumination	White LED
Orientation	Landscape or portrait
Image Format	JPEG and BMP
Options	Order with camera integrated or as an add-on kit for simple field installation — no tools required (available on 2020 and future models)
Utilities and Management	
123Scan	Programs scanner parameters, upgrades firmware, displays scanned barcode data, scanning statistics, battery health, asset data and prints reports. www.zebra.com/123scan
Symbol Scanner SDK	Generates a fully-featured scanner application, including documentation, drivers, test utilities and sample source code. www.zebra.com/scannersdkforwindows
Scanner Management Service (SMS)	Remotely manages your Zebra scanner and queries its asset information. www.zebra.com/sms
Loss Prevention	EAS Checkpoint supported: Checkpoint interlock via optional cable Sensormatic supported Zebra Scale Platter: Integrated horizontal and vertical platter for increased weighing area
Peripherals and Accessories	
Customer side scanner (allows self-scanning of barcodes on mobile phones, loyalty cards and impulse buy items); pole display; scale	
Warranty	
Subject to the terms of Zebra's hardware warranty statement, the MP7000 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to: http://www.zebra.com/warranty	
Recommended Services	
Zebra OneCare Select; Zebra OneCare Essential; Zebra's Service Authorization Program (allow purchase of spare parts for third party repair)	

Applications

- Produce identification and recognition
- Produce shrink reduction
- Loss prevention: item verification
- Age verification
- Image database collection support
- Customer self-checkout
- Loyalty applications
- Document capture

PRODUCT SPEC SHEET

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