

PSM20i



Bar Code Scanning Module for Motorola™ iDEN™ Phones

BAR CODE SCANNING MODULE

The Ultimate in Scanning Mobility

The PSM20i bar code scanning module from Symbol Technologies enables you to transform your Motorola iDEN phone into the ultimate mobility tool. Simply clip the PSM20i module onto your Motorola phone to combine the power of accurate and reliable laser bar code scanning with the extensive voice, data and application capabilities of Motorola's Java-enabled iDEN phones.

Voice, Data, and Bar Code Data Capture

The PSM20i provides field sales and service personnel with access to critical information where it is needed most—at the point of activity. For example, when a technician on a service call needs a part immediately, he uses the PSM20i to scan the bar code. Then, using the Java-based application on his iDEN phone, he accesses the wireless network to identify a local depot with the part in stock. Hitting dial, he calls the parts manager at that depot and arranges a quick courier delivery. Voice, data, and bar code data capture come together seamlessly to get the job done.

Consumer Applications

The PSM20i can also be the ultimate consumer shopping convenience tool. Whether it is at home in the kitchen, in the retail store, or directly from a catalog, bar codes on products or in catalogs can be quickly scanned, shopping lists created and orders automatically placed.

About Symbol

Symbol Technologies is a global leader in secure mobile information systems that integrate application-specific handheld computers with wireless networks for data and voice and bar code data capture. For more information, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at: www.symbol.com/iden



Features	Benefits
Snaps directly onto Motorola i88s, i85s, i58sr, i55sr and i50sx iDEN phones	Provides bar code data capture with plug-and-play convenience
Incorporates 1D bar code scanner	Fast, accurate, data capture reduces key entry errors
Designed to work with J2ME Java environment	Application flexibility limited only by your imagination
Developer's software tools are available, including a Java class library	Customize applications to your specific needs
Functional, lightweight	Easy to use and operate; fits easily in a pocket



PSM20i Specification Highlights

Physical Characteristics

Dimensions:	1.1 in. H x 5.0 in. L x 1.9 in. W/2.8 cm H x 12.7 cm L x 4.8 cm Adds 1.1 in./2.8 cm to the length of the phone
Weight:	1.4 oz/39 g
Power:	Uses Motorola iDEN phone battery power (Only works with the Standard Motorola battery)

Performance Characteristics

Light Source:	650 nm laser diode
Nominal Working Distance:	1.5 in to 5.0 in./3.8 to 12.7 cm for all supported symbologies
Decode Capability:	UPC/EAN/JAN, Code 128, Code 39, ISBT 128, Interleaved 2 of 5
Minimum/Maximum Element Width:	5 to 30 mil/0.127 to 0.762 mm (scan range will depend upon density)
Application Development:	Software Developers Kit available at www.symbol.com/iden
Scan Trigger:	Scan trigger on phone is dependent upon application

User Environment

Operating Temperature:	32° to 104° F/0° C to 40° C
Storage Temperature:	-4° to -76° F/-20° to 60° C
Humidity:	0% to 95% noncondensing
Ambient Light Immunity:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions

Regulatory

Laser Safety:	CDRH Class II & IEC Class 1 laser safety approvals
EMI / RFI:	FCC Class B to part 15



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Notes: This Motorola Approved Accessory may not be marketed, sold or shipped outside of the following countries: United States (including Guam), Canada, Mexico, Brazil, Argentina, Peru, Colombia, South Korea, Japan, Singapore, Philippines, China, Israel, Panama.



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PSM20i 04/03

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