POWERSCAN™ PM9500

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AIM, TRIGGER, DECODE: IT'S THAT SIMPLE!

An intuitive and effortless scanning experience is the target of the PowerScan[™] 9500 series. They combine omnidirectional reading capabilities with outstanding optical characteristics. The result is a scanner that is able to read any kind of bar code, regardless of the orientation, from contact to over 1.0 m / 3.3 ft, depending on the bar code resolution. In addition, Datalogic's latest decoding software guarantees snappy reading in any type of environment.

MOBILITY ENHANCES PRODUCTIVITY

The Datalogic STAR Cordless System™ for narrow-band radio communications was developed specifically to maximize efficiency and reliability for handheld scanner data collection applications. The PowerScan PM9500 models are equipped with a new generation of the STAR-System[™] that further improves the already outstanding features of versatility, ease of use and radio range.

The PM9500 series offers a model with a display and 4 configurable keys to increase the interaction between the host and the user allowing a two-way exchange of information for more reliable and effective communications.

Long lasting battery life guarantees more than one shift of intensive scanning.

DEVELOPED WITH THE USER IN MIND

Handle shape, well-balanced weight and an intuitive aiming system allows high first-pass reading rates while reducing unnatural wrist movements for improved ergonomics and user comfort.

The PowerScan 9500 area imagers use a soft-pulsed white illumination light that is very gentle on the eyes and less troublesome to the operator during scan-intensive applications.





FEATURES

- Snappy omnidirectional reading
- Intuitive aiming system
- Soft white light illumination
- Available with optional display and 4-keys
- Point-to-point and multi-point transmission Networking and seamless roaming
- Lithium-lon battery replaces in 3 seconds! High speed 433 MHz and 910 MHz radio communications
- Datalogic's Motionix[™] motion-sensing technology
- Ergonomic shape
- Water and Particulate Sealing Rating: IP65
- Datalogic's 3GL™ (3 Green Lights) technology
- and loud beeper for good-read feedback
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Entertainment
 - Access Control
 - Mobile Coupons
 - Ticket Validation Security / Age Verification
- Lottery
- Manufacturing Shop Floor
 - Work-in-Progress
 - Sub-Assembly
 - Component Tracking
 - Quality Control
 - Time and Cost Analysis Machine Replenishment /
 - Configuration Line Inventory Control
- Warehouse and Logistic Centers
 - Shipping / Receiving
 - Parcel Preparation
 - Picking / Put Away
 - Automatic Sorting Back-Up
 - End of Line Sorting

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CORDLESS COMMUNICATIONS		PHYSICAL CHARACTERIST	ICS	
·	M™ Effective Radiated Power: 433 MHz: <10 mW; 910 MHz: <50 mW Point-to-Point Configuration	COLORS AVAILABLE DIMENSIONS	Yellow/Black Cradle: 24.0 x 10.8 x 9.5 cm / 9.4 x 4.3 x 3.8 in PM9500: 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in	
Z DATALOGIC STAR CORDLESS SYSTEM™ Z RADIO FREQUENCY RADIO RANGE (OPEN AIR)	Multi-Point Configuration: Max. Readers per Radio Receiver: 32 433 MHz; 910 MHz 433 MHz: 100 m / 328 ft low speed; 50 m / 164 ft high speed	DISPLAY	PM9500/D: Display Type: Graphic with White Backlight; Font Dimensions: User selectable (6 lines x 21 columns default); Screen Dimensions: 48 x 132 pixels PM9500/D: 4 Configurable Keys	
	910 MHz: 150 m / 492 ft low speed; 80 m / 262 ft high speed Seamless Roaming Two Way Communications	WEIGHT	PM9500: 380.0 g / 13.4 oz PM9500/D: 400.0 g / 14.1 oz	
1		READING PERFORMANCE		
DECODING CAPABILITY		IMAGER SENSOR — LIGHT SOURCE	PM9500: 864 x 544; PM9500-HP: 1280 x 1024 Aiming: 630 - 680 nm VLD	
1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes	DDINIT CONITDAST DATIO (ΜΙΝΙ	Illumination: White LEDs JIMUM) 15%	
2D CODES	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code;	READING ANGLE Pitch:+/- 40°; Roll (Tilt): 360°; Skew (Yaw):+/- 40° READING INDICATORS Beeper (Adjustable Tone and Volume);		
	Australian Post; China Post; IMB; Japanese Post KIX Post; Planet Code; Portuguese Post; Postne Royal Mail Code (RM4SCC); Swedish Post;		Datalogic's 3GL™ (Three Green Lights) technology and loud beeper for good-read feedback: Datalogic 'Green Spot' on the Code, Dual Good	
STACKED CODES	EAN/JAN Composites; GS1 DataBar Composites GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E	RESOLUTION (MAXIMUM)	Read LEDs PM9500: 1D Codes: 4 mil; 2D Codes: 7.5 mil PM9500-HP: 1D Codes: 2.5 mil; 2D Codes: 4 mil	
	Composites	READING RANGES		
ELECTRICAL		TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length	
BATTERY	Lithium-Ion 2150 mAh Charge Time: External Power: 4 Hours;	_	and scan angle; Printing resolution, contrast, and ambient light dependent.	
READS PER CHARGE	Host Power: 10 Hours Continuous Reading: 30,000 +	PM9500 4 mils 6.0 to 17.0	PM9500-HP) cm / 2.3 to 6.7 in 2.5 mils 2.0 to 6.0 cm / 0.8 to 2.3 in	
CRADLE INDICATOR LEDS	Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow) 7.5 mils Data Matrix 9.0 to 12.0 cm / 3.5 to 4.7 in 4 mils Data Matrix 2.0 to 6.0 cm / 0.8 to 2.3 10 mils Data Matrix 4.0 to 18.0 cm / 1.5 to 7.0 in 10 mils Data Matrix 2.0 to 20.0 cm / 0.8 to 7. 10 mils Data Matrix 4.0 to 18.0 cm / 1.5 to 7.0 in 10 mils Data Matrix 2.0 to 20.0 cm / 0.8 to 7.) cm / 3.5 to 4.7 in 4 mils Data Matrix 2.0 to 6.0 cm / 0.8 to 2.3 in 0 cm / 1.5 to 7.0 in 10 mils Data Matrix 2.0 to 20.0 cm / 0.8 to 7.8 in	
CURRENT OPERATING (TYPICAL)	Charging (Typical): External Power: 800 mA @ 10 VDC; POT: 500 mA @ 5 VDC 150 mA @ 10 VDC	13 mils 4.0 to 45.0 cm / 1.5 to 17.7 in 13 mils 3.0 to 60.0 cm / 1.1 to 23.6 in 20 mils 4.0 to 55.0 cm / 1.5 to 21.6 in 20 mils 3.0 to 70.0 cm / 1.1 to 27.5 in		
INPUT VOLTAGE	External Power: 10-30 VDC; POT: 5 VDC +/- 10%	40 mils 4.0 to 85.0	0 cm / 1.5 to 33.4 in 40 mils 3.0 to 110.0 cm / 1.1 to 43.3 in	
ENVIRONMENTAL		SAFETY & REGULATORY		
	0 - 100,000 lux	AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use. The	
DROP RESISTANCE	Cradle: Withstands 50 drops from 1.2 m / 3.9 ft onto a concrete surface PM9500: Withstands 50 drops from 2.0 m /	ENVIRONMENTAL COMPLIAN	Quick Reference Guide for this product can be referred to for a complete list of certifications.	
ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING TEMPERATURE	6.6 ft onto a concrete surface 20 kV		Complies to Enclose to Figure 10, 2000 Complex to Exactly Complex to E	
	95% G IP65	LED CLASSIFICATION	CDRH Class II: IEC 60825 Class 2 IEC 62471 Class 1 LED	
	Operating: -20 to 50 °C / -4 to 122 °F Battery Charging: 0 to 45 °C / -32 to 113 °F	UTILITIES		
	Storage/Transport: -40 to 70 °C / -40 to 158 °F	DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is	
INTERFACES		- OPOS / JAVAPOS	available for download at no charge JavaPOS Utilities are available for download at no	
INTERFACES	Keyboard Wedge; RS-232; RS-485; USB: OEM USB; USB COM; USB HID Keyboard	REMOTE HOST DOWNLOAD	charge; OPOS Utilities are available for download at no charge Available on request	
		WARRANTY	Available of request	
		WARRANTY	3-Year Factory Warranty	
Base Stations/Chargers		Cases/Holsters	Mounts/Stands	
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Base Stations/Chargers Base Stations/Chargers Base/Charger, Multi-Interface	• BC9130-433 / BC9130-910 Base/Dual Charger, Multi-Interface			

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