# POWERSCAN™ PM9500

## **OIDOJATACO**



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

An intuitive and effortless scanning experience is the target of the PowerScan<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> 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	<b>RESOLUTION (MAXIMUM)</b>	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	
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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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