



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

An intuitive and effortless scanning experience is the target of the PowerScan™ 9500 family. It combines omnidirectional reading capabilities, which is typical in all area imaging scanners, 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, the PowerScan PD9500 area imager includes Datalogic's latest decoding software that guarantees snappy reading in any type of environment. Aim, trigger, decode: it is that simple!

## DEVELOPED WITH THE USER IN MIND

User comfort is guaranteed because of the scanner ergonomics, consisting of the handle shape, a well-balanced weight and an intuitive aiming system, allowing the highest first-pass reading rate while reducing unnatural wrist movement or rotation which can tire any user during long shifts. Additionally, the PowerScan 9500 area imager uses a soft-pulsed white illumination light resulting in reduced flashes, which is very gentle on the eyes and less troublesome to the operator during scan-intensive applications.

## BUILT TO LAST

The rugged mechanics of the PowerScan family guarantee reliable operation in the long term. Repeated shocks and indoor / outdoor usage in the toughest environmental conditions do not modify the scanners performance or reliability.



### FEATURES

- Snappy omnidirectional reading from contact to over 1.0 m / 3.3 ft
- Datalogic's new instinctive 'frame' aimer
- New 'soft white light' illumination
- Datalogic's 3GL™ (3 Green Lights) technology and loud beeper for good read feedback
- Datalogic's Motionix™ motion-sensing technology
- Ergonomic shape provides hours of tireless data collection for the user
- Supports 1D, stacked and 2D codes, postal codes and image capture
- Water and Particulate Sealing Rating: IP65

### INDUSTRY-APPLICATIONS

- 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

## TECHNICAL SPECIFICATIONS

### DECODING CAPABILITY

|                   |   |
|-------------------|---|
| 1D / LINEAR CODES | Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.  |
| 2D CODES          | Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code   |
| POSTAL CODES      | Australian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post  |
| 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 Composites |

### ELECTRICAL

|               |  |
|---------------|--|
| CURRENT       | Operating (Typical): PD9530/PD9530-HP: 335 mA<br>PD9530-HPE: 135 mA @ 10 VDC<br>Standby/Idle (Typical): PD9530/PD9530-HP: 180 mA<br>PD9530-HPE: 50 mA @ 10 VDC |
| INPUT VOLTAGE | PD9530/PD9530-HP: 5 VDC +/- 10%<br>PD9530-HPE: 10-30 VDC   |

### ENVIRONMENTAL

|                                |   |
|--------------------------------|---|
| AMBIENT LIGHT                  | 0 - 100,000 lux   |
| DROP RESISTANCE                | Withstands 50 drops from 2.0 m / 6.6 ft onto a concrete surface                           |
| ESD PROTECTION (AIR DISCHARGE) | 20 kV   |
| HUMIDITY (NON-CONDENSING)      | 0 - 95%   |
| PARTICULATE AND WATER SEALING  | IP65  |
| TEMPERATURE                    | Operating: -20 to 50 °C / -4 to 122 °F<br>Storage/Transport: -40 to 70 °C / -40 to 158 °F |

### INTERFACES

|            |   |
|------------|---|
| INTERFACES | RS-232 / USB / Keyboard Wedge Multi-Interface |
|------------|---|

### PHYSICAL CHARACTERISTICS

|                  |  |
|------------------|--|
| COLORS AVAILABLE | Yellow/Black; Other colors and custom logo options are available for minimum quantity purchase |
| DIMENSIONS       | 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in  |
| WEIGHT           | 330.0 g / 11.6 oz  |

### Contact:

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### READING PERFORMANCE

|                                |   |
|--------------------------------|---|
| IMAGE CAPTURE                  | Graphic Formats: BMP, JPEG, TIFF<br>Greyscale: 256, 16, 2; JPEG, TIFF   |
| IMAGER SENSOR                  | PD9530: 864 x 544; PD9530-HP/PD9530-HPE: 1280 x 1024  |
| LIGHT SOURCE                   | Aiming: 630 - 680 nm VLD<br>Illumination: White LED reading light   |
| PRINT CONTRAST RATIO (MINIMUM) | 15%   |
| READING ANGLE                  | Pitch: +/- 40°; Roll (Tilt): 360°; Skew (Yaw): +/- 40°  |
| READING INDICATORS             | Beeper (Adjustable Tone and Volume); Datalogic's 3GL™ (Three Green Lights) technology and loud beeper for good-read feedback; Datalogic 'Green Spot' on the Code; Dual Good Read LEDs |
| RESOLUTION (MAXIMUM)           | PD9530: 1D Codes: 4 mil; 2D Codes: 7.5 mil<br>PD9530-HP/PD9530-HPE: 1D Codes: 2.5 mil; 2D Codes: 4 mil  |

### READING RANGES

|                        |   |
|------------------------|---|
| TYPICAL DEPTH OF FIELD | Minimum distance determined by symbol length and scan angle.<br>Printing resolution, contrast, and ambient light dependent. |
|------------------------|---|

#### PD9530

4 mils: 6.0 to 17.0 cm / 2.3 to 6.7 in  
13 mils: 4.0 to 45.0 cm / 1.5 to 17.7 in  
20 mils: 4.0 to 55.0 cm / 1.5 to 21.6 in  
40 mils: 4.0 to 85.0 cm / 1.5 to 33.4 in  
10 mils PDF417: 2.0 to 25.0 cm / 0.8 to 9.8 in  
7.5 mils Data Matrix: 9.0 to 12.0 cm / 3.5 to 4.7 in  
10 mils Data Matrix: 4.0 to 18.0 cm / 1.5 to 7.0 in

#### PD9530-HP / PD9530-HPE

2.5 mils: 2.0 to 6.0 cm / 0.8 to 2.3 in  
13 mils: 3.0 to 60.0 cm / 1.1 to 23.6 in  
20 mils: 3.0 to 70.0 cm / 1.1 to 27.5 in  
40 mils: 3.0 to 110.0 cm / 1.1 to 43.3 in  
10 mils PDF417: 2.0 to 30.0 cm / 0.8 to 11.8 in  
4 mils Data Matrix: 2.0 to 6.0 cm / 0.8 to 2.3 in  
10 mils Data Matrix: 2.0 to 20.0 cm / 0.8 to 7.8 in

### SAFETY & REGULATORY

|                          |  |
|--------------------------|--|
| AGENCY APPROVALS         | The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications. |
| ENVIRONMENTAL COMPLIANCE | Complies to China RoHS; Complies to EU RoHS; Complies to R.E.A.C.H.  |
| LASER CLASSIFICATION     | Caution Laser Radiation - Do not stare into beam<br>CDRH Class II; IEC 60825 Class 2   |
| LED CLASSIFICATION       | IEC 62471 Class 1 LED  |

### UTILITIES

|                      |   |
|----------------------|---|
| DATALOGIC ALADDIN™   | Datalogic Aladdin configuration program is available for download at no charge.                                       |
| OPOS / JAVAPOS       | JavaPOS Utilities are available for download at no charge.<br>OPOS Utilities are available for download at no charge. |
| REMOTE HOST DOWNLOAD | Available on request  |

### WARRANTY

|          |                         |
|----------|-------------------------|
| WARRANTY | 3-Year Factory Warranty |
|----------|-------------------------|

## ACCESSORIES

#### Cases/Holsters



• HLS-P080 Universal Holster (HLS-8000)

#### Mounts/Stands



• STD-P090 Stand, Hands-free (STD-9000)



• HLD-P080 Desk/Wall Holder (HLD-8000)



• 7-0404 Industrial Take-Up Reel