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, 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, Datalogic’s latest decoding software guarantees snappy reading in any type of environment.

MOBILITY ENHANCES PRODUCTIVITY

The PowerScan PBT9500 further enhances operator efficiency and safety with Bluetooth® wireless technology; no matter if you need 1 or 100 meters of freedom: you never need to worry about getting tangled up in the cable. Accurate power management allows long lasting battery life to always guarantee more than one shift of intensive scanning. Should you need to operate 24/7, a quick 3-second battery replacement combined with a single or multi-slot battery charger allows for continuous operation without interruption.

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.

BUILT TO LAST

The rugged mechanics of the PowerScan brand guarantees reliable, long term operation. Repeated shocks and indoor / outdoor usage in the toughest environmental conditions do not impact its performance or reliability.
## Technical Specifications

**Powerscan™ PBT9500**

### Cordless Communications
- Profiles: HID (Human Interface Device)
- Protocol: SPP (Serial Port Profile)
- Radio Frequency: Bluetooth 2.0 Certified Class 1 or Class 2 (Configurable)
- Radio Range (Open Air): 2.40 to 2.48 GHz

### 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; IBM; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post; EAN/UPC Composites; GS1 Databar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 Databar Stacked Omnidirectional;
- **MacroPDF; MicroPDF417; PDF417; UPC A/E Composites**

### Electrical
- **Battery**: Battery Type - Lithium-ion 2150 mAh
- **Reads per Charge**: Continuous Reading: 30,000+
- **Cradle Indicator LEDs**: Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
- **Operating (Typical)**: 150 mA @ 10 VDC
- **Input Voltage**: External Power: 10-30 VDC; POT: 5 VDC +/- 10%

### Environmental
- **Ambient Light**: 0 - 100,000 lux
- **Drop Resistance**: Cradle: Withstands 50 drops from 1.2 m / 3.9 ft onto a concrete surface
- **ESD Protection (Air Discharge)**: 20 kV
- **Temperature**: Operating: -20 to 50 °C / -4 to 122 °F
- **Storage/Transport**: -40 to 70 °C / -40 to 158 °F

### Interfaces
- **Interfaces**: Keyboard Wedge RS-232
- **USB**: 2.0 (full- and high-speed)

### Accessories
- **BC9030-BT**: Base/Charger, Multi-Interface
- **BC9130-BT**: Base/Charger, Multi-Interface
- **HL5-P080**: Universal Holster (HL5-0800)
- **HLD-P080**: Desk/Wall Holder (HLD-0800)
- **7-0404 Industrial Take-Up Reel**

### Colors Available
- Yellow/Black

### Physical Characteristics
- **Dimensions**: Cradle: 24.0 x 10.8 x 9.5 cm / 9.4 x 4.3 x 3.8 in
- **Weight**: PBT9500: 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in
- **Resolution (Maximum)**: 1D Codes: 4 mil; 2D Codes: 7.5 mil

### Reading Performance
- **Image Capture**: Graphic Formats: BMP, JPEG, TIFF;
- **Image Sensor**: Greyscale: 256, 16, 2
- **Light Source**: Aiming: 630 - 680 nm VLD
- **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)**: PBT9530: 1D Codes: 4 mil; 2D Codes: 7.5 mil
- **Typical Depth of Field**: Minimum distance determined by symbol length and scan angle; Printing resolution, contrast, and ambient light dependent.

### 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.
  - Complies to China RoHS; Complies to EU RoHS; Complies to R.E.A.C.H.
  - Caution Laser Radiation - Do not stare into beam

### Utilities
- **Datalogic Aladdin™**: Datalogic Aladdin configuration program is available for download at no charge
- **JavaPOS Utilities**: JavaPOS Utilities are available for download at no charge; DPOS Utilities are available for download at no charge

### Warranty
- **Warranty**: 3-Year Factory Warranty

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