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## **Datalogic PowerScan PBT8300 Industrial Handheld Laser Barcode Scanner Bluetooth Wireless Technology Removable Battery USB kit Base Station Cable Power Supply European Line Cord**



The PowerScan 8300 series of laser scanners are Datalogic Scanning's premium line of rugged industrial handheld data collection products for linear codes. The PowerScan PBT8300 laser scanner features the standard Bluetooth wireless technology combined with the outstanding reliability and reading performance found in PowerScan products. Based on the Bluetooth 2.0 standard, the PowerScan PBT8300 scanner is easily configured to be compliant with Class 1 or Class 2 requirements, according to the mobility range desired, allowing for distances that exceed 90 m / 295 ft in open air. Connectivity is implemented through the receiving base station, which communicates to the host through a choice of interfaces (Serial, USB, Keyboard Wedge or Wand Emulation), or by connecting the scanner directly to any commercial or embedded Bluetooth compliant device.

The PowerScan PBT8300 scanner mounted on a forklift with a Vehicle Mount Terminal (VMT) provides an excellent solution for warehouse applications. The PowerScan PBT8300 is available in three different models: a basic cordless model (PBT8300); an intermediate model with a display and 3-key keypad (PBT8300-D); and the advanced model (PBT8300-DK) which features a display and a full 16-key alphanumeric keyboard. The PBT8300-DK model additionally includes an embedded code-quantity application, for use in inventory, picking or receiving applications. All PowerScan PBT8300 models are available with reading optics for Standard Range (SR) or Auto Range (AR) for reading distances up to 12.5 m / 41.0 ft. PowerScan bar code readers are the ultimate industrial handheld devices, designed and constructed to withstand the toughest environmental conditions in demanding applications, offering lasting performance and outstanding reliability combined with exceptional reading performance and accuracy.

<b>Warranty</b>	3-Year Factory Warranty
<b>Dimensions</b>	6.9cm (W) x 11.4cm (D) x 20.7cm (H) - Weight 0.380kg

### **Features**

- \* **Bluetooth 2.0 Compliant: Class 1 or Class 2 configurable via software**
- \* **Supports Bluetooth wireless technology SPP and HID profiles**
- \* **Piconet with up to 4 scanners connected to the same base station**
- \* **Optics available in Standard Range (contact up to 1.0 m / 3.3 ft) and Auto Range (20 cm / 8 in up to**
- \* **12.5 m / 41.0 ft)**
- \* **Datalogic 3GL and loud beeper for good-read feedback**
- \* **User replaceable lithium-ion batter**
- \* **Operates over a wide range of temperatures**



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## **Datalogic PowerScan PBT8300 Industrial Handheld Laser Barcode Scanner Bluetooth Wireless Technology Removable Battery USB kit Base Station Cable Power Supply European Line Cord**



\* Water and particulate sealing rating: IP65/IP64

\* Drop resistance to 2.0 m / 6.5 ft

### **Specification**

#### **General**

The PowerScan 8300 series of laser scanners are Datalogic Scanning's premium line of rugged industrial handheld data collection products for linear codes. The PowerScan PBT8300 laser scanner features the standard Bluetooth wireless technology combined with the outstanding reliability and reading performance found in PowerScan products. Based on the Bluetooth 2.0 standard, the PowerScan PBT8300 scanner is easily configured to be compliant with Class 1 or Class 2 requirements, according to the mobility range desired, allowing for distances that exceed 90 m / 295 ft in open air. Connectivity is implemented through the receiving base station, which communicates to the host through a choice of interfaces (Serial, USB, Keyboard Wedge or Wand Emulation), or by connecting the scanner directly to any commercial or embedded Bluetooth compliant device.

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#### **Warranty**

3-Year Factory Warranty

#### **Performance**

##### **Light Source**

630 - 680 nm VLD; Aiming: 630 - 680 nm VLD, Activated by 'Double-Click' Trigger

##### **Audible/Visual Indicators**

Beeper (Adjustable Tone and Volume); Datalogic Three Green Lights (3GL) Good Read Feedback; Datalogic 'Green Spot' on the Code; Dual Good Read LEDs; Good Transmission

##### **Decoding Capability**

1D / Linear Codes: Autodiscriminates all standard 1D codes including GS1 DataBar linear codes Stacked Codes: Code 16K; Code 49; GS1 DataBar Expanded Stacked; GS1 DataBar. Stacked; GS1 DataBar Stacked Omnidirectional



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## **Reading Performance**

Print Contrast Ratio (Minimum): 15% Read Rate (Maximum): 35 +/- 5 scans/sec. Reading Angle: Pitch: 5 to 55 / -5 to -55; Roll (Tilt): +/- 20; Skew (Yaw): +/- 60 Resolution (Maximum): PBT83X0: 0.076 mm / 3 mils; PBT83X0 Auto Range: 0.190 mm / 7.5 mils

## **Reading Ranges**

Typical Depth of Field: Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. PBT8300: 5 mils: 2.1 to 13.3 cm / 0.8 to 5.2 in. 7.5 mils: 3.5 to 24.2 cm / 1.4 to 9.5 in. 10 mils: 2.9 to 42.8 cm / 1.1 to 16.8 in. 13 mils: 2.3 to 55.1 cm / 0.9 to 21.7 in. 20 mils: 6.3 to 78.5 cm / 2.5 to 30.9 in. 40 mils: 2.5 to 97.8 cm / 1.0 to 38.5 in.

## **Interfaces Ports**

### **Interfaces**

RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

## **Wireless**

### **Bluetooth**

Yes

### **Frequency Band**

2.4 - 2.4835GHz

## **Compliance**

### **Certifications**

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 Laser Classification: Caution Laser Radiation - Do not stare into beam; CDRH Class II; EN 60825-1 Class 2

## **Electrical**

### **Battery**

Lithium-Ion

### **Current Usage**

Current: Operating (Typical): 1 A @ 10 VDC, 330 mA @ 30 VDC, POT: 500 mA Input Voltage: 10 - 30 VDC, POT: 5 VDC +/- 10%

## **Environmental**

### **Environmental Standards**

Ambient Light: Immune to light exposure in offices/facilities and direct exposure to sunlight. ESD Protection (Air Discharge): 20 kV Particulate and Water Sealing: PBT8300: IP65; PBT8300-D, PBT8300-DK: IP64



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Handheld Laser Barcode Scanner Bluetooth  
Wireless Technology Removable Battery USB kit  
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Cord**



**Environmental  
Shock (Operating)**

Operating Temperature -20 to 50C - Humidity 90%  
Designed to withstand 2 m (6ft 6in) drops

**Physical**

**Case Colour  
Pack Quantity  
Dimensions**

Yellow/Black  
1  
6.9cm (W) x 11.4cm (D) x 20.7cm (H) - Weight 0.380kg



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### **Options**

#### **Stands**

Datalogic	STD-P080	Datalogic Hands Free Stand for STD-8000 - Single	26.33	<a href="#">VIEW&gt;</a>
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#### **Cases and Bags**

Datalogic	PC-P080	Datalogic Protective Case/Belt Holster, PC-8000 (for unit without display)	29.71	<a href="#">VIEW&gt;</a>
Datalogic	HLS-P080	Datalogic HLS 8000 Universal Holster	36.76	<a href="#">VIEW&gt;</a>

#### **Barcode Scanners**

Datalogic	7-0404	Datalogic Industrial Take-Up Reel	36.76	<a href="#">VIEW&gt;</a>
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#### **Computer cradles**

Datalogic	11-0138	Datalogic Heated Holder 36VDC (Not For Use with Display Models)	226.33	<a href="#">VIEW&gt;</a>
Datalogic	HLD-P080	Datalogic HLD-8000 Desk/Wall Holder	17.00	<a href="#">VIEW&gt;</a>
Datalogic	11-0140	Datalogic Heated Holder 48VDC (Not For Use with Display Models)	233.00	<a href="#">VIEW&gt;</a>
Datalogic	11-0139	Datalogic Heated Holder 24VDC (Not For Use with Display Models)	235.67	<a href="#">VIEW&gt;</a>

#### **Projector Accessories**

Datalogic	VMK-PM80	Datalogic VMK-PM80 Vehicle-Mount Kit	Call us	<a href="#">VIEW&gt;</a>
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#### **Batteries**

Datalogic	FBP-PM80	Datalogic Fixed Battery Pack for PowerScan PM8300 Barcode Readers	31.78	<a href="#">VIEW&gt;</a>
Datalogic	RBP-PM80	Datalogic Removable Battery Pack	30.67	<a href="#">VIEW&gt;</a>

#### **Batteries**

Datalogic	CHR-PM80	Datalogic Battery Charger C-8000	126.22	<a href="#">VIEW&gt;</a>
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Datalogic	BC8030-BT	Datalogic BC8030-BT Base/Charger Multi-Interface for Powerscan PBT8300 Barcode Readers	198.44	<a href="#">VIEW&gt;</a>
Datalogic	MC-P080	Datalogic MC-P080 4 Slot Battery Charger for MC-8000 Barcode Reader	131.78	<a href="#">VIEW&gt;</a>

## **About Memory Express**

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?