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Datalogic PowerScan PD7110 Industrial Corded Handheld Linear Imager Barcode Reader Kit (Kit includes Imager and IBM46xx Cable) Black Black



The PowerScan 7100/7000 product series are Datalogic Scanning's value line of rugged industrial handheld data collection products. The PowerScan D7100 linear imaging corded reader combines rugged durability and extremely snappy reading performance all at an affordable price. Datalogic Scanning's innovative and unique optical design of the PowerScan 7100 series of readers combines scanner features that are normally available on different scanner models into a single device: up to 3 mils maximum code resolution; contact to about 3.0 m / 9.8 ft reading distance; and wide angle code reading. The result is a versatile, easy to use and intuitive scanner that simplifies any code reading activity. Together high-speed digital hardware and Datalogic Scanning's advanced decoding algorithms produce read rates up to 390 scans per second, making the PowerScan 7100 readers the fastest industrial scanners available. This is why the 7100's are especially suitable for 'high-speed' applications where thousands of codes have to be read in a very short period of time.

As with all PowerScan products, the 7100 readers' mechanics have been developed and tested to withstand extreme environmental conditions while maintaining consistent reading performance. A loud beeper and Datalogic's exclusive patented 'Green Spot' directly on the code, provide intuitive good read feedback in noisy environments. The PowerScan 7100 readers are offered with two different multi-interface combinations; the Standard multi-interface includes RS-232, Keyboard Wedge and USB; the second multi-interface set includes RS- 232, IBM46xx and USB. Light weight and instinctive usage combined with outstanding speed-to-read makes the 7100 product series the ideal solution for intensive code reading applications.

Warranty	3-Year Factory Warranty
Dimensions	7.6cm (W) x 11.4cm (D) x 20.3cm (H) - Weight 0.280kg

Features

- * Fastest speed-to-read - 390 scans/second
- * Datalogic 'Green Spot' and loud beeper for good read feedback
- * Water and particulate sealing rating: IP65
- * Drop resistance to 2.0 m / 6.5 ft
- * 25 kV Electrostatic protection (air discharge)
- * Model option with aimer for optimal code pointing
- * Two different multi-interface options

Specification

General

The PowerScan 7100/7000 product series are Datalogic Scanning's value line of rugged industrial handheld data collection products. The PowerScan D7100 linear imaging corded reader combines rugged durability and extremely snappy reading performance all at an affordable price. Datalogic Scanning's innovative and unique optical design of



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Warranty 3-Year Factory Warranty

Performance

Light Source Aiming: 630 - 680 nm VLD

Audible/Visual Indicators Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED

Decoding Capability 1D / Linear Codes: Autodiscriminates all standard 1D codes including GS1 Databar linear codes Postal Codes: China Post Stacked Codes: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

Reading Performance Illumination: LED Array 630 - 670 nm Print Contrast Ratio (Minimum): 15% Read Rate (Maximum): 390 reads/sec. Reading Angle: Pitch: +/- 65; Roll (Tilt): +/- 30; Skew (Yaw): +/- 65 Resolution (Maximum) : 0.076 mm / 3 mils

Reading Ranges Typical Depth of Field: Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 5 mils: 1.5 to 14.0 cm / 0.6 to 5.5 in. 7.5 mils: 0 to 44.0 cm / 0 to 17.3 in. 10 mils: 0 to 60.0 cm / 0 to 23.6 in. 13 mils: 0 to 80.0 cm / 0 to 31.5 in. 20 mils: 0 to 119.0 cm / 0 to 46.9 in. 40 mils: 2.0 to 240.0 cm / 0.8 to 94.5 in. Reflective - 55 mils: 5.0 to 300.0 cm / 2.0 to 118.1 in. Reflective - 100 mils: 13.0 to 530.0 cm / 5.1 to 208.7 in

Interfaces Ports

Interfaces IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; USB

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. EN 60825-1 Class 1



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Electrical

Current Usage

Current: Operating (Typical): 285 mA @ 5 VDC. Standby/Idle (Typical): 135 mA @ 5 VDC Input Voltage: 4 - 14 VDC

Environmental

Environmental Standards

Ambient Light: 0 - 100,000 lux ESD Protection (Air Discharge): 25 kV Particulate and Water Sealing: IP65

Environmental

Operating Temperature -30 to 50C - Humidity 5 to 95%

Shock (Operating)

Designed to withstand 2 m (6ft 6in) drops

Physical

Case Colour

Yellow/Black

Pack Quantity

1

Dimensions

7.6cm (W) x 11.4cm (D) x 20.3cm (H) - Weight 0.280kg



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Options

Stands

Datalogic	11-0110	Datalogic Hands Free Stand (Grey) - Single	26.33	VIEW>
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Equipment dust covers

Datalogic	11-0109	Datalogic PowerHood Padded Cover for PD7100 Barcode Readers	33.00	VIEW>
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Barcode Scanners

Datalogic	7-0404	Datalogic Industrial Take-Up Reel	36.76	VIEW>
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Computer cradles

Datalogic	11-0138	Datalogic Heated Holder 36VDC (Not For Use with Display Models)	226.33	VIEW>
Datalogic	11-0140	Datalogic Heated Holder 48VDC (Not For Use with Display Models)	233.00	VIEW>
Datalogic	11-0139	Datalogic Heated Holder 24VDC (Not For Use with Display Models)	235.67	VIEW>

Projector Accessories

Datalogic	11-0111	Datalogic Universal Mounting Kit for PowerScan PD7100 Barcode Reader	12.89	VIEW>
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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.



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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?