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Datalogic Gryphon L GD4430-WH General Purpose Corded Handheld Area Imager Barcode Reader 2D Imager USB RS-232 KBW WE Multi-Interface (White)



The Gryphon 4000 series represents the premium level of data collection devices from Datalogic Scanning for general purpose applications. Designed with people in mind, the Gryphon I GD4400 imager blends advanced 2D reading with motion sensing technology, producing a user-friendly device with outstanding performance. Perfect for both handheld and presentation reading, the Gryphon I GD4400 imager features Datalogic's Motionix motionsensing technology which detects the natural actions of the operator to automatically switch the scanner into the desired scanning mode. This technology works with or without the use of a stand, offering more operational choices. Both the aimer and sensor can be programmed to the user's desired preferences. User comfort is maximized with the Gryphon I GD4400 imager's steady, deep red illumination light. Easier on the eyes than competitive products with flicker illumination, the highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads. The aimer's centre cross provides a locator for targeted scanning in a multiple bar code environment.

The Gryphon I GD4400 imager provides snappy reading performance on all common 1D and 2D codes as well as postal, stacked and composite codes like PDF417. High Density (HD) models are also available for reading smaller, condensed codes. For mobile marketing or ticketing applications, this imager also offers excellent performance when reading bar codes from mobile devices. The Gryphon I GD4400 2D omnidirectional reader eliminates the need for separate equipment with signature capture and document scanning capabilities. Its enhanced optics offer improved motion tolerance and high speed imaging to read fast moving codes. As a corded device, the Gryphon I GD4400 imager is available in two different interface models: a multi-standard interface for connection to the host via USB (COM and Wedge Emulation), RS-232 or Wedge Emulation or an IBM 46XX interface model, including USB and RS-232 interfaces

Warranty	5-Year Factory Warranty
Dimensions	7.1cm (W) x 10.0cm (D) x 18.1cm (H) - Weight 0.195kg

Features

* **Motionix motion-sensing technology for seamless reading mode transitions**
* **Highly visible 4-Dot aimer with centre cross for targeted scanning**
* **Omnidirectional reading**
* **Advanced motion tolerance optics**
* **Image capture and document scanning capabilities**
* **Reads 1D, 2D and postal codes plus stacked and composite codes**
* **Multi-interface options: RS-232 / IBM 46XX / USB or RS-232 / USB / Keyboard Wedge / Wand**
* **Datalogic s patented Green Spot for good-read feedback**

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Specification

General

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Warranty	5-Year Factory Warranty

Performance

Light Source	Aiming: 650 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 2D Codes: Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code Postal Codes: Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC) 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

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Reading Performance	Image Capture: Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Imager Sensor: Wide VGA: 752 x 480 pixels Motion Tolerance: 25 IPS Print Contrast Ratio (Minimum): 25% Reading Angle: Pitch: +/- 40; Roll (Tilt): 180; Skew (Yaw): +/- 40 Resolution (Maximum): High Density (HD): 1D Linear: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; PDF417: 0.102 mm / 4 mils. Standard Range (SR): 1D Linear: 0.102 mm / 4 mils; Data Matrix: 0.178 mm / 7 mils; PDF417: 0.102 mm / 4 mils
Reading Ranges	Typical Depth of Field: Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. GD4400 Standard Range (SR): Code 39: 5 mils: 4.0 to 19.0 cm / 1.6 to 7.5 in. Code 39: 10 mils: 1.0 to 30.0 cm / 0.4 to 11.8 in. Data Matrix: 10 mils: 2.0 to 16.0 cm / 0.8 to 6.3 in. Data Matrix: 15 mils: 0 to 23.6 cm /0 to 9.3 in. EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7 in. PDF417: 10 mils: 0.5 to 22.0 cm / 0.2 to 8.6 in. QR Code: 10 mils: 3.0 to 12.5 cm / 1.2 to 4.9 in. GD4400 High Density (HD): Code 39: 3 mils: 2.4 to 9.1 cm / 0.9 to 3.6 in. Code 39: 5 mils: 0.8 to 11.3 cm / 0.3 to 4.5 in. Data Matrix: 5 mils: 2.8 to 6.1 cm / 1.1 to 2.4 in. EAN-13: 13 mils: 1.1 to 17.2 cm / 0.4 to 6.8 in. PDF417: 4 mils: 1.8 to 6.8 cm / 0.7 to 2.7 in. PDF417: 10 mils: 0 to 14.3 cm / 0 to 5.6 in. QR Code: 6.7 mils: 2.1 to 4.2 cm / 0.8 to 1.7 in.

Interfaces Ports

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

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; IEC 60825 Class 2

Electrical

Current Usage	Current: Operating (Typical): GD4410: < 170 mA @ 5 VDC; GD4430 < 160 mA @ 5 VDC Standby/Idle (Typical): 65 mA @ 5 VDC Input Voltage: GD4410: 4.0 - 14.0 VDC; GD4430: 4.2 - 5.25 VDC

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Environmental

Environmental Standards	ESD Protection (Air Discharge): 16 kV Humidity (Non-Condensing): 5 - 95% Particulate and Water Sealing: IP52
Environmental	Operating Temperature 0 to 50C
Shock (Operating)	Designed to withstand 1.8m (5.9ft) drops
Light Levels	100,000 Lux

Physical

Case Colour	White
Pack Quantity	1
Dimensions	7.1cm (W) x 10.0cm (D) x 18.1cm (H) - Weight 0.195kg

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Options

Stands

Datalogic	STD-G040-BK	Datalogic Basic Stand for G040 (Black) - Single	19.67	VIEW>
Datalogic	STD-AUTO-G040-WH	Datalogic G040 Smart Stand (White) - Single	26.33	VIEW>
Datalogic	STD-G040-WH	Datalogic Basic Stand for G040 (White) - Single	21.00	VIEW>
Datalogic	STD-AUTO-G040-BK	Datalogic Smart Stand (Black) - Single	26.33	VIEW>

Computer cradles

Datalogic	11-0360	Datalogic Multi-Purpose Holder (Black)	15.67	VIEW>
Datalogic	HLD-G040-WH	Datalogic Desk/Wall Holder (White)	17.00	VIEW>
Datalogic	HLD-G040-BK	Datalogic Desk/Wall Holder (Black)	17.00	VIEW>
Datalogic	11-0362	Datalogic Multi-Purpose Holder (Grey)	17.00	VIEW>

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.

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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?