# GRYPHON™ I GD4100

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## DATALOGIC



#### **ADVANCED READING PERFORMANCE**

The Gryphon<sup>™</sup> product series from Datalogic represents the premium level of data collection equipment for general purpose applications. The Gryphon I linear imaging readers provide advanced reading performance and decoding for a wide variety of applications. The Gryphon GD4100 readers' ability to capture bar codes from near contact to over 1.0 m / 3.2 ft increases productivity and improves ergonomics for users. A wide scan angle reads very wide codes and renewed decoding capabilities increase throughput on hard-to-read, poor or damaged codes.

### DATALOGIC'S 'GREEN SPOT' IMPROVES PRODUCTIVITY

Datalogic's exclusive patented 'Green Spot' for good-read feedback directly on the code is ideal under dim lighting conditions or noisy environments. The Green Spot, together with the fast reading and decoding capabilities make the Gryphon I GD4100 readers the best choice to improve productivity in retail and office environments, hospitals, pharmacies, light industrial, warehouses and manufacturing plants.

### MODERN FEATURES FOR TODAY'S CHALLENGES

The Gryphon I GD4100 readers offer a choice of two sets of multi-interface options: USB, Keyboard Wedge, RS-232 and Wand Emulation, or for use in pointof-sale (POS) environments, IBM 46XX, USB and RS-232. Both interface sets offer configuration flexibility and are easily adapted for migration or future changes to the host system. Remote Host Download lowers the service costs and improves operations allowing for hassle-free field upgrades while the desktop Datalogic Aladdin<sup>™</sup> configuration program provides user-friendly features that simplify the start-up procedure, especially for inexperienced users.





#### FEATURES

- Extremely snappy reading performance with speeds up to 325 reads/second
- Extended reading distances including up to 60.0 cm / 23.6 in for 13 mil UPC/EAN 13 labels
- Wide 42° scan angle for reading wider codes
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Supports GS1 DataBar<sup>™</sup> linear codes
- Remote Host Download lowers service costs and improves operations (GD4110 Model)
- Multi-interface solutions support most popular interfaces including USB, RS-232, Keyboard Wedge, IBM 46XX and Wand
- Water and Particulate Sealing Rating: IP52
- Checkpoint<sup>®</sup> Systems EAS compatible model
- USB Certified Kits Available
- Drop resistance to 1.8 m / 5.9 ft
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

### **INDUSTRY - APPLICATIONS**

- Retail: Point of Sale
- Commercial Services: Postal, Banks, Public Administration and Utilities
- Manufacturing: Work-in-progress, Order Processing
- Healthcare: Patient/Medication Tracking, Record Keeping
- Transportation and Logistics: Industrial Usage, Shipping and Receiving, Back Room Activities

## GRYPHON™ I GD4100

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TECHNICAL SPECIFICATIONS	DECODING CAPABILITY		READING RANGES	
	1D / LINEAR CODES POSTAL CODES STACKED CODES ELECTRICAL	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. China Post GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional	TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 5 mils: 6.0 to 18.0 cm / 2.3 to 7.0 in 7.5 mils: 3.5 to 30.0 cm / 1.4 to 11.7 in 10 mils: 2.0 to 45.0 cm / 0.8 to 17.7 in
	CURRENT	Operating (Typical): GD4110: 225 mA @ 5 VDC; GD4130: 245 mA @ 5 VDC Standby/Idle (Typical): 120 mA @ 5 VDC		13 mils: 3.0 to 60.0 cm / 1.2 to 23.4 in 20 mils: 3.0 to 80.0 cm / 1.2 to 31.2 in
	INPUT VOLTAGE	GD4110: 4.5 - 14.0 VDC; GD4130: 4.75 - 5.25 VDC	SAFETY & REGULATORY	
	ENVIRONMENTAL		AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use.
	AMBIENT LIGHT DROP RESISTANCE	0 - 100,000 lux Withstands repeated drops from 1.8 m / 5.9 ft onto a concrete surface.	be referred to for a complete list of certific	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 IEC 60825-1 Class 1 LED Product
	ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING)	16 kV 0 - 90%	UTILITIES	
	PARTICULATE AND WATER SEALING TEMPERATURE	IP52 Operating: 0 to 55 °C / 32 to 131 °F	DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is
		Storage/Transport: -20 to 70 °C / -4 to 158 °F	OPOS / JAVAPOS	available for download at no charge. JavaPOS Utilities are available for download at no
	INTERFACES			charge. OPOS Utilities are available for download at no
	INTERFACES	RS-232 / IBM 46XX / USB Multi-Interface; RS-232 / USB / Keyboard Wedge / Wand Multi- Interface	REMOTE HOST DOWNLOAD	charge. Lowers service costs and improves operations: GD4110
	OPTIONAL FEATURES		WARRANTY	
	EAS FEATURES	Checkpoint <sup>®</sup> Systems: GD4110-WH EAS	WARRANTY	5-Year Factory Warranty
	PHYSICAL CHARACTERISTICS			
	COLORS AVAILABLE DIMENSIONS WEIGHT	Black; White 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in 169.0 g / 6.0 oz		
	READING PERFORMANCE			
	IMAGER SENSOR LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ RATE (MAXIMUM) READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM)	CCD Solid-State Illumination: Dual LED Array 630 - 670 nm 15% 325 reads/sec. Pitch: 65°; Roll (Tilt): 35°; Skew (Yaw): 65° Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED 0.076 mm / 3 mils		



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