General Purpose Corded Handheld Linear Imager Bar Code Reader

With rich feature sets and extensive model options, the Gryphon™ product series from Datalogic Scanning 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 / 3.9 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. All of these features combined with high-resolution decoding for labels as small as 3 mils, establishes the Gryphon I GD4100 readers as high-performance products and powerful data capture solutions.

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.

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 point-of-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™ configuration program provides user-friendly features that simplify the start-up procedure, especially for inexperienced users.

The Gryphon GD4100 readers' stylish enclosures, reduced weight and physical dimensions together with a 1.8 m / 5.9 ft drop resistance and IP52 sealing rating produce a reliable, ergonomic solution with the combined excellence of ease of use and advanced reading capabilities.

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' for good-read feedback
- Supports GS1 DataBar™ 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® Systems EAS compatible model
- USB Certified Kits Available
- Drop resistance to 1.8 m / 5.9 ft

GREEN SPOT

DATALOGIC aladdin

GS1

CERTIFIED USB

DATALOGIC 5 YEAR WARRANTY

Specifications

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

ELECTRICAL

CURRENT	Operating (Typical): GD4110: 225 mA @ 5 VDC; GD4130: 245 mA @ 5 VDC
	Standby/Idle (Typical): 120 mA @ 5 VDC
INPUT VOLTAGE	GD4110: 4.5 - 14.0 VDC; GD4130: 4.75 - 5.25 VDC

ENVIRONMENTAL

AMBIENT LIGHT	0 - 100,000 lux
DROP RESISTANCE	Withstands repeated drops from 1,8 m / 5,9 ft onto a concrete surface
ESD PROTECTION (AIR DISCHARGE)	16 kV
HUMIDITY (NON-CONDENSING)	0 - 90%
PARTICULATE AND WATER SEALING	IP52
TEMPERATURE	Operating: 0 to 55 °C / 32 to 131 °F
	Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

RS-232 / IBM 46XX / USB Multi-Interface
RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

OPTIONAL FEATURES

EAS FEATURES	Checkpoint® Systems: GD4110-WH EAS

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black; White
DIMENSIONS	18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in
WEIGHT	169.0 g / 6.0 oz

READING PERFORMANCE

IMAGER SENSOR	CCD Solid-State
LIGHT SOURCE	Illumination: Dual LED Array 630 - 670 nm
PRINT CONTRAST RATIO (MINIMUM)	15%
READ RATE (MAXIMUM)	325 reads/sec.
READING ANGLE	Pitch: 65°; Roll (Tilt): 35°; Skew (Yaw): 65°
READING INDICATORS	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
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: 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
	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

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.
ENVIRONMENTAL COMPLIANCE	Complies to China RoHS; Complies to EU RoHS
LED CLASSIFICATION	IEC 60825-1 Class 1 LED Product

UTILITIES

DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is available for download at no charge
OPOS / JAVAPOS	JavaPOS Utilities are available for download at no charge
	OPOS Utilities are available for download at no charge
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations: GD4110

WARRANTY   5-Year Factory Warranty

Mounts/Stands

- HLD-G040-BK Desk/Wall Holder, G040, Black
- HLD-G040-WH Desk/Wall Holder, G040, White
- STD-AUTO-G040-BK Smart Stand, G040, Black
- STD-AUTO-G040-WH Smart Stand, G040, White
- STD-G040-BK Basic Stand, G040, Dark
- STD-G040-WH Basic Stand, G040, White

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