



ADVANCED READING PERFORMANCE

The Gryphon™ 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 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.



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™ 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
- 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

TECHNICAL 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

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

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

| | |
|----------|-------------------------|
| WARRANTY | 5-Year Factory Warranty |
|----------|-------------------------|

ACCESSORIES

Mounts/Stands

- 11-0360 Holder, Multi-Purpose, Black
- 11-0362 Holder, Multi-Purpose, Grey
- 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

