# GRYPHON™ I GD4132

**◇DATALOGIC**
EMPOWER YOUR VISION

## 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 GD4132 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 GD4132 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 GD4132 readers offer a choice of two sets of multi-interface options: USB, Keyboard Wedge, RS-232 and Wand Interfaces (IBM 46XX available with accessory cable). The interface set offers configuration flexibility and is 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
- Multi-interface solutions support most popular interfaces including USB, RS-232, Keyboard Wedge, and Wand Multi-Interfaces (IBM 46XX available with accessory cable)
- Water and Particulate Sealing Rating: IP52
- Checkpoint® Systems EAS compatible model
- 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 – APPLICATION

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

GREEN SPOT    DATALOGIC aladdin    GS1    CERTIFIED USB    DATALOGIC 5 YEAR WARRANTY

**GRYPHON™ I GD4132**

# TECHNICAL SPECIFICATIONS

## DECODING CAPABILITY

| | |
|---|---|
| *1D / Linear Codes* | Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes. |

## ELECTRICAL

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|---|---|
| *Current* | Input Current @ 5V: 460 mA max |
| *Input Voltage* | 4.75 - 5.25 VDC |

## ENVIRONMENTAL

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|---|---|
| *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<br>Storage/Transport: -20 to 70 °C / -4 to 158 °F |

## INTERFACES

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|---|---|
| *Interfaces* | RS-232 / USB / Keyboard Wedge / Wand Multi-Interfaces (IBM 46XX available with accessory cable) |

## 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* | 180.0 g / 6.3 oz |

## READING RANGES

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|---|---|
| *Typical Depth of Field* | Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.<br> 5 mils: 6.0 to 18.0 cm / 2.3 to 7.0 in<br> 7.5 mils: 3.5 to 30.0 cm / 1.4 to 11.7 in<br>10 mils: 2.0 to 45.0 cm / 0.8 to 17.7 in<br>13 mils: 3.0 to 60.0 cm / 1.2 to 23.4 in<br>20 mils: 3.0 to 80.0 cm / 1.2 to 31.2 in |

## 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 |

## SAFETY & REGULATORY

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|---|---|
| *Agency Approvals* | The product meets necessary safety and regulatory approvals for its intended use.<br>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

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|---|---|
| *Datalogic Aladdin™* | Datalogic Aladdin configuration program is available for download at no charge. |
| *OPOS / JavaPOS* | OPOS and JavaPOS utilities are available for download at no charge. |
| *Remote Host Download* | Lowers service costs and improves operations. |

## 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