GRYPHON™ I GD4200

DATALOGIC

ENHANCED LINEAR IMAGING TECHNOLOGY

The Gryphon™ 4200 series represents the premium range of hand held scanners from Datalogic for general purpose applications.

Designed with people in mind, the Gryphon I GD4200 linear imager stands out with an elegant and trendy design, unchallenged ergonomics and outstanding reading performance. The Gryphon I GD4200 readers' ability to capture bar codes from near to far, to read both high-density and low-resolution codes, to decode hard-to-read, poor or damaged codes and to easily read bar codes from mobile devices make these readers the perfect choice for today's and tomorrow's applications.

TOP PRODUCTIVITY FOR POS AND DOCUMENT HANDLING

Perfect for hand held reading, the Gryphon GD4200 linear imager utilizes Datalogic's Motionix™ motion-sensing technology which detects the natural actions of the operator to automatically switch the scanner into the 'ready-to-read' scanning mode.

Datalogic distinctive 'soft line viewfinder' helps operator to easily target the code to be read, making easier and faster to point, shoot and decode exactly the proper label, reducing accidental reads in a multiple bar code environment.

EASY TO USE FOR MAX EFFICIENCY

The Gryphon I GD4200 linear imager provides snappy reading performance on all common 1D codes and thanks to the Datalogic's exclusive patented 'Green Spot' for good-read feedback directly on the code is ideal under dim lighting conditions or noisy environments.

Furthermore, Datalogic's 3GL™ (Three Green Lights) and loud beeper for good-read feedback together with the fast reading and decoding capabilities make the Gryphon I GD4200 readers the best choice to improve efficiency in retail and office environments, pharmacies, light industrial, warehouses and manufacturing plants.

READY TO BE REGULARLY CLEANED AND DISINFECTED

Most of the working environments now have requirements that scanners need to be regularly cleaned and disinfected. The Gryphon 4200 series exploits Disinfectant-Ready enclosures, designed to withstand regular daily cleaning with harsh disinfectant solutions commonly used in a healthcare environment.

FEATURES

- Enhanced linear imaging technology for superior scanning and Depth of Field
- Reads 1D high-density and low-resolution codes, hard-to-read, poor or damaged codes and bar codes from mobile devices
- Datalogic's distinctive 'soft line viewfinder' to easily target the code to be read
- Datalogic's patented 'Green Spot' technology and exclusive 3GL™ (3 Green Lights) for superior good-read feedback
- Motionix motion-sensing technology for seamless reading mode transitions
- Multi-interface options: USB type C / USB only or multi-interface USB type C / USB / RS-232 / Keyboard Wedge Multi- Interface
- Water and Particulate Sealing Rating: IP52
- Drop resistance to 1.8 m / 5.9 ft
- Disinfectant-Ready enclosures withstand daily cleaning with harsh disinfectant solutions
- 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
Light Manufacturing: Work-in-Progress, Order Processing
Healthcare: Laboratories, Pharmacies
Access Control: Ticketing and Entertainment

GRYPHON™ I GD4200

TECHNICAL SPECIFICATIONS

DECODING CAPABILITY	
1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
ELECTRICAL	
Current	Operating (Typical): <350 mA @ 5V; <150 mA @ 12V Standby/Idle (Typical): <60 mA @ 5V; <30 mA @ 12V
Input Voltage	GD4220: 5 VDC +/- 5% GD4290: 4.5 - 14.0 VDC
ENVIRONMENTAL	
Ambient Light	0 - 130,000 lux
Drop Resistance	Withstands repeated drops from 1.8 m / 6.0 ft onto a concrete surface.
ESD Protection (Air Discharge)	16 kV
Humidity (Non-Condensing)	0 - 95%
Particulate and Water Sealing	IP52
Temperature	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
INTERFACES	
Interfaces	GD4220: USB type C / USB only GD4290: USB type C / USB / RS-232 / Keyboard Wedge Multi- Interface
PHYSICAL CHARACTERISTICS	
Colors Available	Black; White
Dimensions	Scanner: 16.6 x 6.8 x 10.9 cm / 6.5 x 2.7 x 4.3 in In Stand: 21 x 7.5 x 10.9 cm / 8.2 x 2.9 x 4.2 in
Weight	163.0 g / 5.75 oz (scanner only)

READING PERFORMANCE	
Imager Sensor	CCD Solid-State
Light Source	Illumination: Dual LED Array 612 - 630 nm
Read Rate (Maximum)	1,000,000 pixel/sec (400 reads/sec)
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 65°
Reading Indicators	Beeper (adjustable tone); Datalogic Three Green Lights (3GL) Good Read Feedback: Datalogic 'Green Spot' on the Code, Dual Good Read LEDs
Resolution (Maximum)	0.077 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. **GD4200** Code 39: 5 mils: 5 to 37 cm / 2.0 to 14.6 in Code 39: 7.5 mils: 5 to 54 cm / 2.0 to 21.3 in Code 39: 10 mils: 5 to 73.5 cm / 2.0 to 28.9 in Code 39: 20 mils: 2.5 to 147 cm / 1 to 57.9 in EAN/UPC: 13 mils: 3.5 to 90 cm / 1.4 to 35.4 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	Exempt group according to IEC 62471
UTILITIES	
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS/JavaPOS	JavaPOS and OPOS Utilities are available for download at no charge.
Remote Host Download	Lowers service costs and improves operations
WARRANTY	
Warranty	5-Year Factory Warranty

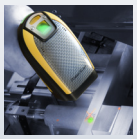
ACCESSORIES

Mounts / Stands

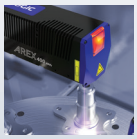
11-0360 Holder, Multi-Purpose, Black
11-0362 Holder, Multi-Purpose, Grey
HLD-G041-BK Desk/Wall Holder, G041, Black
HLD-G041-WH Desk/Wall Holder, G041, White
STD-G041-BK Basic Stand, G041, Black
STD-G041-WH Basic Stand, G041, White

DATALOGIC PRODUCT OFFERING

Sensors

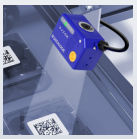

Hand Held scanners

Mobile Computers


Laser Marking Systems

Safety Laser Scanner

Vision Systems


Stationary Industrial Scanners

Safety Light Curtains

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