GRYPHON™ I GD4400 2D

DATALOGIC



IMAGING TECHNOLOGY

The Gryphon[™] 4000 series represents the premium level of data collection devices from Datalogic ADC for general purpose applications. Designed with people in mind, the Gryphon[™] I GD4400 imager blends advanced 2D reading with motion sensing technology, producing a user-friendly device with outstanding performance.

MODERN FEATURES FOR TODAY'S POS

Perfect for both handheld and presentation reading, the Gryphon I GD4400 imager features Datalogic's Motionix™ motion-sensing technology which detects the natural actions of the operator to automatically switch the scanner into the desired scanning mode. This technology works with or without the use of a stand, offering more operational choices. Both the aimer and sensor can be programmed to the user's desired preferences.

User comfort is maximized with the Gryphon I GD4400 imager's steady, deep red illumination light. Easier on the eyes than competitive products with flicker illumination, the highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads. The aimer's center cross provides a locator for targeted scanning in a multiple bar code environment.

SIMPLE TO USE AND DEPLOY

The Gryphon I GD4400 imager provides snappy reading performance on all common 1D and 2D codes as well as postal, stacked and composite codes like PDF417. High Density (HD) models are also available for reading smaller, condensed codes. For mobile marketing or ticketing applications, this imager also offers excellent performance when reading bar codes from mobile devices.

The Gryphon I GD4400 2D omnidirectional reader eliminates the need for separate equipment with signature capture and document scanning capabilities. Its enhanced optics offer improved motion tolerance and high speed imaging to read fast moving codes.





FEATURES

- Motionix[™] motion-sensing technology for seamless reading mode transitions
- Highly visible 4-Dot aimer with center cross for targeted scanning
- Omnidirectional reading
- Advanced motion tolerance optics
- Image capture and document scanning capabilities
- Reads 1D, 2D and postal codes plus stacked and composite codes
- Multi-interface options: RS-232 / IBM 46XX
 / USB or RS-232 / USB / Keyboard Wedge / Wand
- Datalogic's patented 'Green Spot' for good-read feedback
- 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
- Light Manufacturing
- Access Control, Transportation and Entertainment
- Commercial Services: Postal, Banks, Public Administration, Utilities

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TECHNICAL SPECIFICATIONS	DECODING CAPABILITY		READING RANGES			
	1D / LINEAR CODES 2D CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code	TYPICAL DEPTH OF FIELD	and s Printi	num distance determined by symbol length .can angle. ing resolution, contrast, and ambient light ndent.	
	POSTAL CODES	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Postnet; Royal Mail Code (RM4SCC) EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional;	GD4400 Standard Range (SR) Code 39: 5 mils: 4.0 to 19.0 cm / 1.6 to 7.5 in Code 39: 10 mils: 1.0 to 30.0 cm / 0.4 to 11.8 Data Matrix: 10 mils: 2.0 to 16.0 cm / 0.8 to 0 Data Matrix: 15 mils: 0 to 23.6 cm / 0 to 9.3 i EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7		8 in Code 39: 5 mils: 0.8 to 11.3 cm / 0.3 to 4.5 in o 6.3 in Data Matrix: 5 mils: 2.8 to 6.1 cm / 1.1 to 2.4 in tin EAN-13: 13 mils: 1.1 to 17.2 cm / 0.4 to 6.8 in 7 in PDF417: 4 mils: 1.8 to 6.8 cm / 0.7 to 2.7 in	
		MacroPDF; MicroPDF417; PDF417; UPC A/E Composites		PDF417: 10 mils: 0.5 to 22.0 cm / 0.2 to 8.6 in PDF417: 10 mils: 0 to 14.3 cm / 0 to 5.6 in QR Code: 10 mils: 3.0 to 12.5 cm / 1.2 to 4.9 in QR Code: 6.7 mils: 2.1 to 4.2 cm / 0.8 to 1.7 in		
	ELECTRICAL		SAFETY & REGULATORY			
	CURRENT	Operating (Typical): GD4410: < 170 mA @ 5 VDC; GD4430 < 160 mA @ 5 VDC Standby/Idle (Typical): 65 mA @ 5 VDC	AGENCY APPROVALS	regula	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 Caution Laser Radiation - Do not stare into	
	INPUT VOLTAGE	GD4410: 4.0 - 14.0 VDC; GD4430: 4.2 - 5.25 VDC	ENVIRONMENTAL COMPLIANCE	be ref		
	ENVIRONMENTAL		LASER CLASSIFICATION	Cauti		
	AMBIENT LIGHT DROP RESISTANCE	0 - 100,000 lux Withstands repeated drops from 1.8 m / 5.9 ft onto a concrete surface.	UTILITIES	beam	beam; IEC 60825 Class 2 Datalogic Aladdin configuration program is available for download at no charge. JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no	
	ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING)	16 kV 5 - 95%	DATALOGIC ALADDIN™	Datal		
	PARTICULATE AND WATER SEALING TEMPERATURE	IP52 Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F	OPOS / JAVAPOS	JavaP charg OPOS		
	INTERFACES		REMOTE HOST DOWNLOAD		rs service costs and improves operations:	
	INTERFACES	TERFACES GD4410: RS-232 / IBM 46XX / USB Multi-Interface GD4430: RS-232 / USB / Keyboard Wedge /		GD44	GD4410	
		Wand Multi-Interface	WARRANTY			
	PHYSICAL CHARACTERISTICS		WARRANTY	5-Yea	ar Factory Warranty	
	COLORS AVAILABLE DIMENSIONS WEIGHT	Black; White 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in 195.0 g / 6.9 oz				
	READING PERFORMANCE					
	IMAGE CAPTURE	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2				
	IMAGER SENSOR LIGHT SOURCE MOTION TOLERANCE	Wide VGA: 752 x 480 pixels Aiming: 650 nm VLD 25 IPS				
	PRINT CONTRAST RATIO (MINIMUM)	25%				

READING ANGLE

25% Pitch: +/- 40°; Roll (Tilt): 180°; Skew (Yaw): +/- 40° Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED High Density (HD): 1D Linear: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils;

READING INDICATORS **RESOLUTION (MAXIMUM)** PDF417: 0.102 mm / 4 mils Standard Range (SR): 1D Linear: 0.102 mm / 4 mils; Data Matrix: 0.178 mm / 7 mils; PDF417: 0.102 mm / 4 mils

Mounts/Stands

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- 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



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