GRYPHON™ 4400-HC 2D SERIES �**∂ATALOGIC**

THE PURPOSE OF BAR CODE READERS IN THE HEALTHCARE INDUSTRY

The key mission of scanners in the healthcare industry is to improve the quality of patient care while reducing medication errors. Additionally, healthcare environments have requirements that scanners need to be regularly cleaned and disinfected. The Datalogic Gryphon™ HC product series is specifically developed for healthcare applications with Disinfectant-Ready enclosures treated with antimicrobial additives and are designed to withstand daily cleaning with harsh disinfectant solutions.

The Gryphon[™] 4400-HC 2D readers can decode virtually any 1D and 2D bar code symbology and can read codes from LCD monitors, cell phones, smartphones and other mobile devices. Enhanced optics offer improved motion tolerance and high speed imaging to read fast moving codes as well as the ability to capture images such as signatures, complete IDs or prescriptions.

Ideally suited for stationary applications in administration, laboratory and hospital environments, the GD4400-HC 2D desktop model offers an affordable corded solution, while the GM4400-HC 2D or GBT4400-HC 2D cordless models (STAR or Bluetooth®) provide extended mobility for cordless operations.

The deep-red illumination of the Gryphon 4400 2D imagers eliminate the irritating 'flicker effect' found in competing products, allowing for comfortable allday usage. The highly visible 4-Dot aimer provides a clear indication of the reading area, making targeting codes quick and easy. Datalogic's patented 'Green Spot' technology provides additional visual good-read confirmation which is ideal for quiet environments like bedside patient care. Datalogic Aladdin[™] configuration software and Remote Host Management software provide simple tools to manage deployed devices and keep them synchronized across an enterprise.



MEDITECH





ALL PRODUCTS

- Disinfectant-Ready enclosures treated with anti-microbial additives (ISO22196 and JISZ 2801 compliant models available)
- Motionix[™] motion-sensing technology for seamless reading mode transitions
- Omnidirectional reading of 1D, 2D and postal codes plus stacked and composite codes
- Extremely snappy reading performance
- Extended reading distances
- Advanced motion tolerance optics
- Highly visible 4-Dot aimer with center cross for targeted scanning
- Image capture and document scanning capabilities
- Datalogic's patented 'Green Spot' technology for good-read feedback
- USB Certified Kits Available
- ISO22196 Compliant Models Available

CORDLESS PRODUCTS

- Two choices: STAR 433 / 910 MHz or Bluetooth® wireless technology
- Batch Mode capability: >1200 codes stored in memory
- Point-to-point / Point-to-multipoint transmission
- Datalogic's unique patented
 2-position cradle with 'Scan-While-Charging' capability
- Long lasting user-replaceable Lithium-lon battery

GRYPHON™ I GD4400-HC 2D

⇒DATALOGIC

DECODING CAPABILITY		READING PERFORMANCE	
1D / LINEAR CODES 2D CODES POSTAL CODES STACKED 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 Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea 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; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites	IMAGE CAPTURE IMAGER SENSOR LIGHT SOURCE MOTION TOLERANCE PRINT CONTRAST RATIO (MINIMUM) READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM) READING RANGES	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Wide VGA: 752 x 480 pixels Aiming: 650 nm VLD 25 IPS 25% Pitch: +/- 40°; Roll (Tilt): 180°; Skew (Yaw): +/- 41 Beeper (Adjustable Tone); Datalogic 'Green Spo Good Read Feedback; Good Read LED 1D Linear: 0.102 mm / 4 mils; Data Matrix: 0.178 mm / 7 mils; PDF417: 0.102 mm / 4 mils
ELECTRICAL		TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol
CURRENT INPUT VOLTAGE	Operating (Typical): 160 mA @ 5 VDC; Standby/Idle (Typical): 65 mA @ 5 VDC 4.2 - 5.25 VDC		length and scan angle. Printing resolution, contrast, and ambient light dependent. 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 in
ENVIRONMENTAL			Data Matrix: 10 mils: 2.0 to 16.0 cm / 0.8 to 6. Data Matrix: 15 mils: 0 to 23.6 cm / 0 to 9.3 in
AMBIENT LIGHT DROP RESISTANCE	0 - 100,000 lux Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface		EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7 in PDF417: 10 mils: 0.5 to 22.0 cm / 0.2 to 8.6 in QR Code: 10 mils: 3.0 to 12.5 cm / 1.2 to 4.9 in
ESD PROTECTION (AIR DISCHARGE)	16 kV	SAFETY & REGULATORY	
HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING TEMPERATURE	5 - 90% IP52 Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F	AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can referred to for a complete list of certifications.
INTERFACES		ENVIRONMENTAL COMPLIANCE LASER CLASSIFICATION	Complies to China RoHS; Complies to EU RoHS Caution Laser Radiation - Do not stare into
INTERFACES	RS-232 / USB / Keyboard Wedge / Wand Multi- Interface	UTILITIES	beam; IEC 60825 Class 2
		DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is
PHYSICAL CHARACTERISTICS COLORS AVAILABLE DIMENSIONS	Light Green/Light Grey (Rubber/Plastic) 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in Disinfectant-Ready Enclosure Treated with	OPOS / JAVAPOS	available for download at no charge. JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no
ENCLOSURE	Anti-Microbial Additives (ISO22196 and JISZ 2801 compliant models available) 195.0 g / 6.9 oz	REMOTE HOST DOWNLOAD	charge. Lowers service costs and improves operations GD4410
	15310 6 7 015 02	WARRANTY	
		WARRANTY	5-Year Factory Warranty

DATALOGIC ADC'S DISINFECTANT-READY ENCLOSURES FOR HEALTHCARE

Datalogic ADC offers bar code readers designed specifically for the healthcare industry with Disinfectant-Ready enclosures treated with anti-microbial additives that can help fight against the spreading of germs. This is particularly important if the scanner is traveling room-to-room on a medication cart with a nurse. The Disinfectant-Ready enclosures can withstand daily cleaning with harsh chemical cleaning solutions commonly used in a healthcare environment.



PRODUCT	CHEMICAL CONTENT	
Sani-Cloth® HB, Sani-Cloth® Plus, Super Sani-Cloth®	Quaternary Ammonium Chloride solution	
Hepacide Quat II	Virucidal disinfectant cleaner	
Alcohol Wipes	70% Isopropyl Alcohol	
CaviWipes™	lsopropanol 10-20%; Ethylene Glycol Monobutyl Ether 1-5%	
Virex® 256	n-Alkyl Dimethyl Benzyl Ammonium Chloride; Didecyl Dimethyl Ammonium Chloride	
409® Glass and Surface Cleaner	n-Alkyl Dimethyl Benzyl Ammonium Chloride; n-Propoxypropanol	
Windex® Blue	Isopropyl Alcohol	
Clorox® Bleach	Sodium Hypochlorite; Sodium Hydroxide	
100% Gentle dish soap and water		

REFER TO THE DEVICE INSTRUCTION MANUAL FOR PROPER CLEANING METHODS WHEN USING THESE CHEMICALS. DISINFECTANTS SHOULD NOT BE SPRAYED OR POURED ONTO THE

SCANNER UNIT.

THE SCANNERS MUST ALWAYS BE WIPED DRY AFTER DISINFECTING.

GRYPHON™ I GM4400-HC 2D

⇔DATALOGIC

CORDLESS COMMUNICATIONS		READING PERFORMANCE	
DATALOGIC STAR CORDLESS SYSTEM™	Effective Radiated Power: 433.92 MHz: < 10 mW; 910 MHz: < 1 mW Multi-Point Configuration: Max. Readers per Radio Receiver: 16 Point-to-Point Configuration Radio Frequency: 433.92 MHz; 910 MHz Two Way Communications	IMAGER SENSOR LIGHT SOURCE MOTION TOLERANCE PRINT CONTRAST RATIO (MINIMUM) READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM)	Wide VGA: 752 x 480 pixels Aiming: 650 nm VLD 25 IPS 25% Pitch:+/- 40°; Roll (Tilt): 360°; Skew (Yaw):+/- 40° Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED 1D Linear: 0.102 mm / 4 mils; Data Matrix: 0.178 mm / 7 mils; PDF417: 0.127 mm / 5 mils
1D / LINEAR CODES	AR CODES Autodiscriminates all standard 1D codes including		
2D CODES	GS1 DataBar™linear codes. Aztec Code; China Han Xin Code; Data Matrix; MariGode, OD Gode	TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length
POSTAL CODES	MaxiCode; QR Code Australian Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal		and scan angle. Printing resolution, contrast, and ambient light dependent.
STACKED CODES	Mail Code (RM4SCC) EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites		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 in Data Matrix: 10 mils: 2.0 to 16.0 cm / 0.8 to 6.3 in Data Matrix: 15 mils: 0 to 23.6 cm / 0 to 9.3 in EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7 in PDF417: 10 mils: 0.5 to 22.0 cm / 0.2 to 8.6 in QR Code: 10 mils: 3.0 to 12.5 cm / 1.2 to 4.9 in
ELECTRICAL			
BATTERY	Battery Type: Lithium-Ion, 2100 mAh; Charge Time: External Power: 4 Hours @ 12 VDC; Reads per	SAFETY & REGULATORY AGENCY APPROVALS	The product meets necessary safety and regulat
CRADLE INDICATOR LEDS	Charge: 60,000 Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)		approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
CURRENT INPUT VOLTAGE	Charging (Typical): < 8 W; Standby/Idle (Typical): < 2.5 mA @ 5 VDC 4.75 - 14.0 VDC +/- 5%	ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION	Complies to China RoHS; Complies to EU RoHS Caution Laser Radiation - Do not stare into beam IEC 60825 Class 2
ENVIRONMENTAL		UTILITIES	
AMBIENT LIGHT ESD PROTECTION (AIR DISCHARGE)	0 - 100,000 lux 16 kV	DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is
HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING	0 - 90% IP52	OPOS / JAVAPOS	available for download at no charge. JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F	REMOTE HOST DOWNLOAD	no charge. Lowers service costs and improves operations: BC4010
INTERFACES		WADDANTY	
INTERFACES	RS-232 / USB / Keyboard Wedge / Wand Multi- Interface	WARRANTY WARRANTY	3-Year Factory Warranty
PHYSICAL CHARACTERISTICS			
COLORS AVAILABLE	Light Green/Light Grey (Rubber/Plastic)		
DIMENSIONS	Cradle: 18.6 x 9.9 x 5.6 cm / 7.2 x 3.9 x 2.2 in Reader: 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in		
ENCLOSURE	Disinfectant-Ready Enclosure Treated with Anti- Microbial Additives		
WEIGHT	Cradle: 246.0 g / 8.7 oz; Reader: 245.0 g / 8.6 oz		

GRYPHON™ I GBT4400-HC 2D

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CORDLESS COMMUNICATIONS		PHYSICAL CHARACTERISTICS	
BLUETOOTH® WIRELESS TECHNOLOGY	Piconet: Max. Readers per Radio Receiver: 7 (when using an external Piconet dongle); Profiles: SPP (Serial Port Profile) Protocol: Bluetooth 2.0 Certified Class 2 Radio Frequency: 2.4 GHz Radio Range (Open Air): 30.0 m / 98.4 ft; Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results. Security: Data Encryption; Scanner Authentication	COLORS AVAILABLE DIMENSIONS ENCLOSURE	Light Green/Light Grey (Rubber/Plastic) Cradle: 18.6 x 9.9 x 5.6 cm / 7.25 x 3.9 x 2.2 in Reader: 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in Disinfectant-Ready Enclosure Treated with Anti-Microbial Additives (ISO22196 and JISZ 2801 compliant models available)
		WEIGHT	Cradle: 246.0 g / 8.7 oz; Reader: 245.0 g / 8.6 oz
Decoding capability		READING PERFORMANCE IMAGE CAPTURE IMAGER SENSOR LIGHT SOURCE MOTION TOLERANCE	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Wide VGA: 752 x 480 pixels Aiming: 650 nm VLD 25 IPS
1D / LINEAR CODES	Autodiscriminates all standard 1D codes including	PRINT CONTRAST RATIO (MINIMUM)	25%
2D CODES	GS1 DataBar™ linear codes. Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; QR Code	READING ANGLE READING INDICATORS	Pitch:+/- 40°; Roll (Tilt): 360°; Skew (Yaw):+/- 40° Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
POSTAL CODES	Australian Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal	RESOLUTION (MAXIMUM)	1D Linear: 0.102 mm / 4 mils; Data Matrix: 0.178 mm / 7 mils; PDF417: 0.127 mm / 5 mils
J STACKED CODES	Mail Code (RM4SCC) EAN/JAN Composites; GS1 DataBar Composites;	READING RANGES	
	GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites	TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.
ELECTRICAL			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 in Data Matrix: 10 mils: 2.0 to 16.0 cm / 0.8 to 6.3 in
BATTERY	Battery Type: Lithium-lon, 2100 mAh; Charge Time: External Power: 4 Hours @ 12 VDC; Reads per Charge: 50,000		Data Matrix: 15 mils: 0 to 23.6 cm /0 to 9.3 in EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7 in PDF417: 10 mils: 0.5 to 22.0 cm / 0.2 to 8.6 in
CRADLE INDICATOR LEDS	Battery Charging (Red); Charge Completed (Green);		QR Code: 10 mils: 3.0 to 12.5 cm / 1.2 to 4.9 in
CURRENT	Power/Data (Yellow) Charging (Typical): < 8 W; Operating (Typical): < 2.5 W	SAFETY & REGULATORY	
INPUT VOLTAGE	@ 5 VDC; Standby/Idle (Typical): < 2.5 mA @ 5 VDC 4.5 - 14.0 VDC +/- 5%	AGENCY APPROVALS	The product meets necessary safety and regulator approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
ENVIRONMENTAL	0 - 100,000 lux	ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION	Complies to China RoHS; Complies to EU RoHS Caution Laser Radiation - Do not stare into beam;
ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING)	16 kV 0 - 90%	UTILITIES	IEC 60825 Class 2
PARTICULATE AND WATER SEALING TEMPERATURE	IP52 Operating: 0 to 50 °C / 32 to 122 °F	DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is
	Storage/Transport: -20 to 70 °C / -4 to 158 °F	OPOS / JAVAPOS	available for download at no charge. JavaPOS Utilities are available for download at no
INTERFACES	RS-232 / USB / Keyboard Wedge / Wand Multi-	REMOTE HOST DOWNLOAD	charge. OPOS Utilities are available for download at no charge. Lowers service costs and improves operations:
	Interface		BC4010
		WARRANTY WARRANTY	3-Year Factory Warranty
		WARRANTT	S-Teal Factory Waltanty
All Products		Cordless Products	
Mounts/Stands		Batteries/Battery Chargers RBP-GM40 Removable Battery Page 	ck
All Products Mounts/Stands		Base Stations/Chargers <u>GRYPHON™IGM4400-HC</u> ■ BC4030-HC-433 / BC4031-HC-910: 433/910 MHz, Multi-Interface, Whit ■ CHR-GM40-WH: Charging Only Bas	te, Healthcare
		<u>GRYPHON™I GBT4400-HC</u>	

- BC4030-HC-BT: Base/Charger, Standard Multi-Interface, Healthcare
- CHR-GM40-WH: Charging Only Base Station, White



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■ STD-G040-WH:

Basic Stand,

G040, White

STD-AUTO-G040-WH:

Smart Stand, G040,

White

• 11-0362: Holder,

Multi-Purpose,

Grey

HLD-G040-WH:

G040, White

Desk/Wall Holder,