GRYPHON™ I 4100-HC SERIES

DATALOGIC



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.

Gryphon HC readers provide unmatched flexibility offering healthcare professionals the complete suite of reading and radio technologies available within the Gryphon series. From corded models to standard Bluetooth® wireless technology or to the powerful Datalogic STAR narrow-band radio, Gryphon HC readers offer customers the widest variety of products and radio choices with disinfectant-ready enclosures.

In healthcare environments where mobility is not needed, the GD4100-HC reader offers an affordable corded solution, while the GM4100-HC or GBT4100-HC models (STAR or Bluetooth) provide full installation flexibility and extended mobility for cordless operations. A patented 2-position cradle provides functional and reduced space requirements. The GM4100-HC model is equipped with Datalogic's STAR Cordless System[™] providing bi-directional communication and an optional display with a 3-button keypad that adds realtime battery status, radio coverage indicator and enables operator interaction with the host system.

All Gryphon HC readers include the patented Datalogic 'Green Spot' for good read/perfect match feedback, ideal for quiet environments such as bedside patient care where the perfect match can offer a simple additional tool to avoid errors.





ALL PRODUCTS

- Disinfectant-Ready enclosures treated with
 anti-microbial additives
- Extremely snappy reading performance
- Extended reading distances
- Wide scan angle for wider codes
- Multi-interface solution supports most popular interfaces
- Water and Particulate Sealing Rating: IP52
- Drop resistance to 1.5 m / 5 ft
- Datalogic's patented 'Green Spot' for good-read feedback

CORDLESS PRODUCTS

- Two choices: STAR 433 / 910 MHz or Bluetooth® wireless technology
- Radio Range: Up to 30.0 m / 98.4 ftBatch Mode capability: >1200
- codes stored in memory • Optional display with 3-Key keypad
- Optional display with 3-Key keypad (STAR Only)
- Point-to-point/multi-point transmission
- Datalogic's patented 2-position cradle with Scan-While-Charging capability
- Long lasting user-replaceable Lithium-lon battery

GRYPHON™ I GD4100-HC

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DECODING CAPABILITY		READING PERFORMANCE	
1D / LINEAR CODES POSTAL CODES STACKED CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. China Post GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional	IMAGER SENSOR LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ RATE (MAXIMUM) READING ANGLE READING INDICATORS	CCD Solid-State Illumination: Dual LED Array 630 - 670 nm 15% 325 reads/sec. Pitch: 65°; Roll (Tilt): 35°; Skew (Yaw): 65° Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
ELECTRICAL		RESOLUTION (MAXIMUM)	0.076 mm / 3 mils
CURRENT	Operating (Typical): 245 mA @ 5 VDC; Standby/ Idle (Typical): 120 mA @ 5 VDC 4.75 - 5.25 VDC	READING RANGES	
INPUT VULIAGE	4.75 - 5.25 VDC	TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length
ENVIRONMENTAL	INVIRONMENTAL		and scan angle. Printing resolution, contrast, and ambient light
AMBIENT LIGHT DROP RESISTANCE	0 - 100,000 lux Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface. 16 kV 0 - 90% IP52 Operating: 0 to 55 °C / 32 to 131 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F		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
ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING TEMPERATURE			/.5 mils: 3.5 to 30.0 cm / 1.4 to 11./ 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	
INTERFACES		AGENCY APPROVALS	The product meets necessary safety and
INTERFACES	RS-232 / USB / Keyboard Wedge / Wand Multi-Interfaces	ENVIRONMENTAL COMPLIANCE	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
PHYSICAL CHARACTERISTICS		LED CLASSIFICATION	IEC 60825-1 Class 1 LED Product
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 Anti-Microbial Additives	UTILITIES	
ENCLOSURE		DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is available for download at no charge.
VEIGHT 169.0 g / 6.0 oz		REMOTE HOST DOWNLOAD	Lowers service costs and improves operations: GD4100

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™	Isopropanol 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.

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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 Radio Range (Open Air): 433.92 MHz: 30.0 m / 98.4 ft; 910 MHz: 15.0 m / 49.2 ft Two Way Communications	LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ RATE (MAXIMUM) READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM)	Illumination: LED Array 630 - 670 nm 15% 325 reads/sec. Pitch:+/- 65°; Roll (Tilt):+/- 35°; Skew (Yaw):+/- 65° Beeper (Adjustable Tone and Volume); D atalogic 'Green Spot' Good Read Feedback; Good Read LED 0.076 mm / 3 mils
1D / LINEAR CODES POSTAL CODES STACKED CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. China Post GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional	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
ELECTRICAL			13 mils: 3.0 to 60.0 cm / 1.2 to 23.4 in
BATTERY	Battery Type: Lithium-Ion, 2100 mAh Charge Time: External Power: 4 Hours @ 12 VDC		20 mils: 3.0 to 80.0 cm / 1.2 to 31.2 in
	Reads per Charge: 50,000 Battery Charging (Ped): Charge Completed (Green):		The product meets necessary safety and
CURRENT	Power/Data (Yellow) Charging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC;		regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
INPUT VOLTAGE	Standby/Idle (Typical): < 2.5 mA @ 5 VDC 4.75 - 14 VDC +/- 5%	ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION	Complies to China RoHS; Complies to EU RoHS IEC 60825-1 Class 1 LED Product
ENVIRONMENTAL		UTILITIES	
AMBIENT LIGHT DROP RESISTANCE ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING TEMPERATURE	100,000 lux Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface. 16 kV 5 - 95% IP52 Operating: 0 to 50 °C / 32 to 122 °F	DATALOGIC ALADDIN™ OPOS / JAVAPOS REMOTE HOST DOWNLOAD	Datalogic Aladdin configuration program is available for download at no charge. OPOS Utilities are available for download at no charge. Lowers service costs and improves operations: BC4010
	Storage/Transport: -20 to 70 °C / -4 to 158 °F	WARRANTY	
INTERFACES		WARRANTY	3-Year Factory Warranty
INTERFACES	RS-232 / USB / Keyboard Wedge / Wand Multi-Interface		
PHYSICAL CHARACTERISTICS			
COLORS AVAILABLE DIMENSIONS	Light Green/Light Grey (Rubber/Plastic) Cradle: 18.6 x 9.9 x 5.6 cm / 7.3 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		
DISPLAY ENCLOSURE KEYPAD	Display Type: GM4100-HC-D Only: Graphic with backlight; Font Dimensions: User selectable (4 lines x 16 columns default); Screen Dimensions: 32 x 96 pixels Disinfectant-Ready Enclosure Treated with Anti-Microbial Additives GM4100-HC-D Only: 3-Key Keypad		
	DECODING CAPABILITY 1D / LINEAR CODES POSTAL CODES STACKED CODES ELECTRICAL BATTERY CRADLE INDICATOR LEDS CURRENT INPUT VOLTAGE ENVIRONMENTAL AMBIENT LIGHT DROP RESISTANCE ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING TEMPERATURE INTERFACES INTERFACES INTERFACES COLORS AVAILABLE DIMENSIONS DISPLAY ENCLOSURE	910 MHz: 1 mW Multi-Point Configuration: Max. Readers per Radio Receiver: 16; Point-to-Point Configuration Radio Frequency: 433.92 MHz; 910 MHz Radio Stage (Open Air); 433.92 MHz: 300 m / 98.4 ft; 910 MHz: 15.0 m / 49.2 ft Two Way Communications DECODING CAPABILITY 1D / LINEAR CODES Autodiscriminates all standard 1D codes including G51 DataBar* linear codes. POSTAL CODES STACKED CODES STACKED CODES GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional ELECTRICAL BATTERY Battery Type: Lithium-Ion, 2100 mAh Charge Time: External Power: 4 Hours @ 12 VDC Reads per Charge: 50,000 CRADLE INDICATOR LEDS Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow) CURRENT Charging (Typical): < 2.5 m @ 5 VDC; Standby//del (Typical): < 2.5 m @ 5 VDC;	910 MHz: <1 mW

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CORDLESS COMMUNICATIONS		READING PERFORMANCE	
BLUETOOTH WIRELESS TECHNOLOGY	Protocol: Bluetooth 2.0 Certified Class 2 Radio Frequency: 2.4 GHz Radio Range (Open Air): 30.0 m / 98.4 ft	LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ RATE (MAXIMUM) READING ANGLE READING INDICATORS	Illumination: LED Array 630 - 670 nm 15% 325 reads/sec. Pitch:+/- 65°; Roll (Tilt):+/- 35°; Skew (Yaw):+/- 6! Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback;
1D / LINEAR CODES	Autodiscriminates all standard 1D codes		Good Read LED
	including GS1 DataBar™ linear codes.	RESOLUTION (MAXIMUM)	0.076 mm / 3 mils
POSTAL CODES STACKED CODES	China Post GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional	READING RANGES	
		TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol leng
ELECTRICAL		I I PICAL DEPTH OF FIELD	and scan angle.
BATTERY	Battery Type: Lithium-Ion, 2100 mAh		Printing resolution, contrast, and ambient light
CRADLE INDICATOR LEDS	Battery Type: Lithium-Joh, 2100 mAn Charge Time: 4 Hours @ 12 VDC Reads per Charge: 33,000 Battery Charging (Red): Charge Completed (Green): Power/Data (Yellow)		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
CURRENT	(Green); Power/Data (Tellow) Charging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC; Standby/Idle (Typical): < 2.5 mA @ 5 VDC		
INPUT VOLTAGE	4.5 - 14 VDC +/- 5%	SAFETY & REGULATORY	
INVIRONMENTAL		AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can
AMBIENT LIGHT DROP RESISTANCE ESD PROTECTION (AIR DISCHARGE)	100,000 lux Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface. 16 kV	ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION	be referred to for a complete list of certification Complies to China RoHS; Complies to EU RoHS IEC 60825-1 Class 1 LED Product
HUMIDITY (NON-CONDENSING)	5 - 95%	UTILITIES	
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	DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is
		OPOS / JAVAPOS	available for download at no charge. OPOS Utilities are available for download at no
INTERFACES		REMOTE HOST DOWNLOAD	charge. Lowers service costs and improves operations:
INTERFACES	RS-232 / USB / Keyboard Wedge / Wand Multi-Interface		BC4010
		WARRANTY	
PHYSICAL CHARACTERISTICS		WARRANTY	3-Year Factory Warranty
COLORS AVAILABLE DIMENSIONS	Light Green/Light Grey (Rubber/Plastic) Cradle: 18.6 x 9.9 x 5.6 cm / 7.3 x 3.9 x 2.2 in		
ENCLOSURE	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		
WEIGHT	Cradle: 246.0 g / 8.7 oz		

ACCESSORIES All Products Mounts/Stands ■ 11-0362: Holder, - HLD-G040-WH: STD-AUTO-G040-WH: • STD-G040-WH: Multi-Purpose, Desk/Wall Holder, Smart Stand, G040, Basic Stand, G040, White G040. White Grey White

Cordless Products

Batteries/Battery Chargers

RBP-GM40 Removable Battery Pack

Base Stations/Chargers

GRYPHON™I GM4100-HC

- BC4030-HC-433 / BC4031-HC-910: Base/Charger,
- 433/910 MHz, Multi-Interface, White, Healthcare
- CHR-GM40-WH: Charging Only Base Station, White

GRYPHON™I GBT4100-HC

- BC4030-HC-BT: Base/Charger, Standard Multi-Interface Healthcare

• CHR-GM40-WH: Charging Only Base Station, White

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Reader: 225.0 g / 8.0 oz

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Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile

computing devices, wireless access points, identification cards, and consumables.

The best brands. We offer products from the best manufacturers worldwide.

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Largest stock. We have a permament stock of more than 60,000 products.

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