GRYPHON™ I GBT4100

DATALOGIC

UNLIMITED MOBILITY WITH BLUETOOTH® TECHNOLOGY

Featuring Bluetooth® Wireless Technology, the Gryphon GBT4100 readers eliminate the need for cables that limit operator movement and create safety concerns in the workplace. The reader can also transmit data to the host through its base station as well as to any commercial or embedded Bluetooth® v2.0 compliant device.

HANDS-FREE OR PRESENTATION SCANNING WITH THE 2-POSITION CRADLE

Datalogic's unique 2-position cradle provides multiple features for the user. When in the 'up' position, this imager can be used as a hands-free or presentation style reader. With the Scan-While-Charging feature, there is never any concern about depleted or dead batteries, ensuring constant up-time for increased productivity.

RELIABLE DATA COLLECTION

The Gryphon GBT4100 reader's batch mode capability allows more than 1200 bar codes to be stored in the memory. Combined with a 33,000 scans per charge Lithium-Ion battery, these two features create unlimited mobility and reliable data collection when out-of-range.

Datalogic's exclusive patented 'Green Spot' for good-read feedback helps to improve productivity in noisy environments or in situations where silence is required. When using the product with the cradle at a 45° position, the Green Spot can work as an aiming system to aid in positioning the bar code for quick and intuitive reading.



FEATURES

- Fastest speed-to-read: 325 scans/second
- Bluetooth Wireless Technology with up to 30 m / 98 ft range
- Point-to-point and multi-point transmission
- Two-position cradle with Scan-While-Charging capability
- Batch Mode capability (>1200 codes stored in memory)
- Datalogic 'Green Spot' for good read feedback
- User-replaceable and long lasting Lithium-Ion battery
- 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-APPLICATIONS

- Retail: Point of Sale; Shelf Replenishment; Price Checking; Inventory
- Healthcare: Patient Tracking; Document Handling; Inventory; Bedside Scanning
- Commercial Services: Postal; Banks; Public Administration; Utilities; Document Handling

GRYPHON™ I GBT4100

DATALOGIC

TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

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

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
POSTAL CODES	China Post
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 (12 VDC): 4 Hours Reads per Charge: 33,000
CRADLE INDICATOR LEDS	Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
CURRENT	Charging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC; Standby/Idle (Typical): < 2.5 mA @ 5 VDC
INPUT VOLTAGE	4.5 - 14.0 VDC

ENVIRONMENTAL

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)	5 - 90%
PARTICULATE AND WATER SEALING	IP52
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES	RS-232 / IBM 46XX / USB Multi-Interface; RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black; White
DIMENSIONS	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
WEIGHT	Cradle: 246 g / 8.68 oz; Reader: 225 g / 7.94 oz

READING PERFORMANCE

LIGHT SOURCE	Illumination: 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

READING RANGES

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 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

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	IEC 60825-1 Class 1 LED Product

UTILITIES

DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JAVAPOS	OPOS Utilities are available for download at no charge.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations: BC4010

WARRANTY

WARRANTY	3-Year Factory Warranty

ACCESSORIES

Base Stations/Chargers

- BC4010-BK-BT Base/Charger, POS Multi-Interface, Black
- BC4010-WH-BT Base/Charger, POS Multi-Interface, White
- BC4030-BK-BT Base/Charger, Standard Multi-Interface, Black
- BC4030-WH-BT Base/Charger, Standard Multi-Interface, White
- CHR-GM40-BK Charging Only Base Station, Black
- CHR-GM40-WH Charging Only Base Station, White



Batteries/Battery Chargers

- RBP-GM40 Removable Battery Pack

Mounts/Stands

- 11-0360 Multi-Purpose Stand/Mount, Black
- 11-0362 Multi-Purpose Stand/Mount, 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







© 2009 - 2015 Datalogic ADC, Inc. ▪ All rights reserved. ▪ Protected to the fullest extent under U.S. and international laws. ▪ Copying, or altering of this document is prohibited without express written consent from Datalogic ADC, Inc. ▪ Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. and the Datalogic Automatic Data Capture logo is a trademark of Datalogic S.p.A. ▪ Datalogic Aladdin is a trademarks of Datalogic Scanning Group S.r.l. ▪ The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Datalogic ADC, Inc. is under license. ▪ All other brand and product names are trademarks of their respective owners. ▪
DS-GRYPHONIGBT4100-EN Revision E 20150113