GENERAL PURPOSE HANDHELD AREA IMAGER BAR CODE READER WITH BLUETOOTH® WIRELESS TECHNOLOGY

With rich feature sets, the Gryphon™ product series from Datalogic ADC represents the premium level of data collection equipment for general purpose applications. The Gryphon I GBT4400 2D scanner blends advanced reading technology with the ability to detect the natural actions of the operator to produce user-friendly features and outstanding performance. Lightweight and comfortable to use, the steady, dim, deep red illumination light is much easier on the eyes than other similar products with flicker illumination, even during extended periods of use. The highly visible 4-Dot aimer clearly defines the reading zone of the scanner and the center cross provides a locator for targeting when scanning a sheet or product with multiple bar codes.

The Gryphon GBT4400 2D reader is designed with Datalogic’s Motionix™ motion-sensing technology, which enables the scanner to intuitively switch into handheld mode when the device is picked up. When placed back into the stand, it seamlessly returns to stand mode, eliminating the need to scan a code or to rely on a mechanical switch to make this change. The two-position base station provides the flexibility to use the scanner in presentation or stand mode while it’s charging. The scanner also features Datalogic’s patented ‘Green Spot’ for additional good read confirmation by placing a green spot directly on the code.

The scanner reads common codes including 1D, 2D and Postal codes plus stacked and composite codes like PDF417 and GS1 DataBar™. It also offers excellent performance when reading bar codes from cell phones or mobile devices for mobile marketing or ticketing applications. High Density (HD) models are available for reading smaller, condensed codes.

Fast, snappy, omnidirectional reading makes the Gryphon GBT4400 scanner ideal for use in signature capture and document scanning applications. High speed imaging and motion tolerance reads fast moving codes, allowing you to rapidly move from one code to the next. Featuring Bluetooth® wireless technology, the reader can transmit data to the host through its base station as well as to any commercial or embedded Bluetooth v2.0 compliant device.

**FEATURES**
- Bluetooth Wireless Technology with up to 30 m / 98 ft range
- Omnidirectional reading
- Advanced motion tolerance optics: 60 frames per second
- Image Capture
- Reads 1D, 2D and Postal codes plus stacked and composite codes like PDF417 and GS1 DataBar™
- Multi-interface options: RS-232 / IBM 46XX / USB or RS-232 / USB / Keyboard Wedge / Wand
- Datalogic’s patented ‘Green Spot’ for good-read feedback plus the 4-dot Aimer
- Point-to-point and multi-point transmission
- Two-position cradle with Scan-While-Charging capability
- Batch Mode capability: +1200 codes stored in memory
- User-replaceable, long lasting lithium-ion battery
- Drop resistance to 1.8 m / 5.9 ft
- USB Certified Kits Available

www.adc.datalogic.com
CORDLESS COMMUNICATIONS

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

DECODING CAPABILITY

1D / LINEAR CODES
Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES
Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; QR Code
POSTAL CODES
Australian Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
STACKED CODES
EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 Datamatrix Stacked; GS1 Datamatrix Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417, UPC A/E Composites

ELECTRICAL

BATTERY
Battery Type: Lithium-Ion, 2100 mWh; Charge Time: 4 Hours @ 12 VDC; Reads per Charge: 50,000
Battery Charging (Red); Charge Completed (Green); Power/External Power: 4 Hours @ 12 VDC; Reads per Charge: 50,000
Battery Type: Lithium-Ion, 2100 mAh; Charge Time: 4 Hours @ 12 VDC; Reads per Charge: 50,000
Battery 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 DROP RESISTANCE
0 – 100,000 lux
Withstands repeated drops from 1.8 m / 5.9 ft onto a concrete surface
16 kV
0 – 95%
RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

ESD PROTECTION (AIR DISCHARGE)
HEMIDITY (NON-CONDENSING)
Particulate and Water Sealing TEMPERATURE
0 – 70 °C / -4 to 158 °F
10 – 95%
4.0 – 8.5 in

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: 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 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: 245 g / 8.64 oz

ACCESSORIES

Base Stations/Chargers
- BC4010-8K-8T Base/Charger, PDI Multi-Interface, Black
- BC4000-8K-8T Base/Charger, PDI Multi-Interface, White
- BC6030-8K-8T Base/Charger, Standard Multi-Interface, Black
- BC6030-8K-8T 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

© 2010 - 2012 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 trademark of Datalogic Scanning Group S.r.l. • Gryphon and Motionrox are trademarks of Datalogic ADC, Inc. • 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. • Certified USB: The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, Inc. All other brand and product names are trademarks of their respective owners. • DS-GYPHONGBT44002D-EN 2012030101