## GRYPHON™ I GBT4100



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

The Gryphon™ series represents the premium line of Datalogic ADC's general purpose handheld data collection products and offers the richest feature set among the general purpose products.

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.

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.

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-lon 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.

Standard multi-interface capabilities include USB, RS-232, Keyboard Wedge and Wand Emulation for the GBT4130 models. IBM interface models include IBM 46XX, USB and RS-232 Emulation for the GBT4110 models. The Datalogic Aladdin™ configurator provides user-friendly features that simplify the start-up procedure.

### **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-lon battery
- Drop resistance to 1.8 m / 5.9 ft













## GRYPHON™ I GBT4´

### **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** 

BATTFRY Battery Type: Lithium-Ion, 2100 mAh

Charge Time: External Power (12 VDC): 4 Hours

Reads per Charge: 33,000

CRADIF 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 WFIGHT Cradle: 246 g / 8.68 oz; Reader: 225 g / 7.94 oz **READING PERFORMANCE** 

PRINT CONTRAST RATIO (MINIMUM)

READ RATE (MAXIMUM)

**READING ANGLE** 

READING INDICATORS

Illumination: LFD 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

**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

IEC 60825-1 Class 1 LED Product

UTILITIES

LED CLASSIFICATION

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



- 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



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