## GRYPHON™I GBT4400 2D



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 barcodes.

#### **MODERN FEATURES**

The Gryphon GBT4400 2D reader is designed with Datalogic's Motionix<sup>™</sup> 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.



AB&R®

#### **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<sup>™</sup>
- Multi-interface options: RS-232 / IBM 46XX /
  USBorRS-232/USB/KeyboardWedge/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: +1,200 codes stored in memory
- User-replaceable, long lasting lithium-ion battery
- Dropresistanceto1.8m/5.9ft

### INDUSTRY-APPLICATIONS

- Retail: Point of Sale; Age Verification; Reading of 2D Codes, Electronic Coupons or Mobile Phones, Warehouse
- Light Manufacturing

- Access Control, Transportation and Entertainment
- Commercial Services: Postal, Banks, Public Administration, Utilities, Document Handling

# GRYPHON™I GBT4400 2D



in

		READING PERFORMANCE				
CORDLESS COMMUNICATIONS		IMAGE CAPTURE	Graphic Formats: BMP, JPEG, TIFF;		PEG, TIFF;	
BLUETOOTH WIRELESS TECHNOLOGY DECODING CAPABILITY 1D/LINEARCODES	Piconet: Max. Readers per Radio Receiver: 7 (when		Greyscale: 256, 16, 2			
	<b>o</b>	IMAGERSENSOR	Wide VGA: 752 x 480 pixels Aiming: 650 nm VLD		els	
		LIGHTSOURCE				
		MOTIONTOLERANCE	25 IPS	25 IPS		
		PRINTCONTRASTRATIO(MINIMUM)	25% Pitch: +/- 40°; Roll (Tilt): 360°; Skew (Yaw): +/- 40° Beeper (Adjustable Tone); Datalogic 'Green Spot'			
		READING ANGLE				
	-	READING INDICATORS				
			Good Read Fee	edback; Go	ood Read LED	
		RESOLUTION (MAXIMUM)				
	Security: Data Encryption, Scanner Authentication		High Density (HD	)	Standard Range (SR)	
1D/LINEARCODES	Autodiscriminates all standard 1D codes including GS1 DataBar <sup>™</sup> linear codes.				Data Matrix: 0.1/8 mm / 7 mils PDF417: 0.127 mm / 5 mils	
2DCODES	Aztec Code; China Han Xin Code; Data Matrix;	READING RANGES				
	MaxiCode; QR Code	TYPICALDEPTHOFFIELD	Minimum distance determined by symbol length			
POSTALCODES	Australian Post; China Post; IMB; Japanese Post;		and scan angle	e.		
	KIX Post; Planet Code; Postnet; Royal Mail Code					
STACKED CODES	(RM4SCC)	Printing resolution, contrast, and ambient light				
	EAN/JAN Composites; GS1 DataBar Composites;		dependent.			
	GS1 DataBar Expanded Stacked; GS1 DataBar	High Density (HD)	0.3 to 4.5 in Code 39: 10 mils: 1.0 to 30.0 cm/0.4 to 11.8 in			
	Stacked; GS1 DataBar Stacked Omnidirectional;					
	MacroPDF; MicroPDF417; PDF417; UPC A/E					
	Composites	Data Wathx. 5 mills. 2.6 to 6.1 Giffy 1.1 to 2	L-HIT Data W		5. 2.0 to 10.0 GH7 0.0 to 0.0 H	
ELECTRICAL		EAN-13: 13 mils: 1.1 to 17.2 cm / 0.4 to 6.8 i	in Data M	latrix: 15 mi	ls: 0 to 23.6 cm /0 to 9.3 in	
BATTERY	Battery Type: Lithium-Ion, 2100 mAh;	PDF417: 4 mils: 1.8 to 6.8 cm / 0.7 to 2.7 in EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7 in DDF417 40 vit 0.5 L 0.0 0 m / 0.6 to 15.7 in				
	Charge Time: External Power: 4 Hours @ 12 VDC;			PDF417:10 mils:0.5 to 22.0 cm / 0.2 to 8.6 in QR Code:3.0 to 12.5 cm / 1.2 to 4.9 in		
		Qr(00d0.0.7 mill3.2. r(04.2 0m7 0.0 to r		de. 0.0 to 1	2.56117 1.2 (54.511	
CRADLE INDICATOR LEDS	Reads per Charge: 50,000	SAFETY & REGULATORY				
	Battery Charging (Red); Charge Completed (Green);	AGENCY APPROVALS	Theproductm	leetsnece	ssarysafetyandregulatory	
	Power/Data (Yellow)					
CURRENT	Charging (Typical): < 8 W; Operating (Typical):					
	< 2.5 W @ 5 VDC;		Wa	nd Multi-I	nterface	
	Standby/Idle (Typical): < 2.5 mA @ 5 VDC					
INPUTVOLTAGE	4.5 - 14.0 VDC	PHYSICAL CHARACTERISTICS				
ENVIRONMENTAL		CHARACTERISTICS				
AMBIENTLIGHT	0-100,000 lux	COLORSAVAILABLE	Black; White			
DROP RESISTANCE	Withstandsrepeateddropsfrom1.8m/5.9ftonto	DIMENSIONS	Cra	dle:18.6	(9.9x5.6cm/7.25x3.9x2.2in	
	a concrete surface		Rea	ader: 18.1	x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9	
ESD PROTECTION (AIR DISCHARGE)	16 kV	WEIGHT	Cra	dle:246g	/8.68oz;Reader:245g/8.64oz	
HUMIDITY (NON-CONDENSING)	0-95%					
	IP52					
PARTICULATE AND WATER SEALING	11 02					
PARTICULATE AND WATER SEALING TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F; Storage/					
	POSTALCODES STACKED CODES ELECTRICAL BATTERY CRADLE INDICATOR LEDS CURRENT INPUTVOLTAGE ENVIRONMENTAL AMBIENT LIGHT DROP RESISTANCE	1D/LINEARCODESAutodiscriminates all standard 1D codes including GS1 DataBar" linear codes.2D CODESAztec Code; China Han Xin Code; Data Matrix; MaxiCode; QR CodePOSTAL CODESAustralian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Postnet; Royal Mail CodeSTACKED CODES(RM4SCC) EANV/AN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked (GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; VDF417; UPC A/E CompositesBATTERYBattery Type: Lithium-Ion, 2100 mAh; Charge Time: External Power: 4 Hours @ 12 VDC;CRADLE INDICATOR LEDSReads per Charge: 50,000 Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)CURRENTCharging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC; Standby/Idle (Typical): < 2.5 mA @ 5 VDC	Profiles: SPP (Serial Port Profile)     Protocol: Bluetooth 3.0 Certified Class 2;     Radio Range (Open Air): 30.0 m/ 98.4 ft; Range distances are measured using the base station.     Radio Range (Open Air): 30.0 m/ 98.4 ft; Range distances are measured using the base station.     Radio Range (Open Air): 30.0 m/ 98.4 ft; Range distances are measured using the base station.     ReJOING INDICATORS       PRINT CONTRASTRATIONINUM)     ReJOING INDICATORS     ReJOING INDICATORS       DECODING CAPABILITY     TD/LINEARCODES     Autodiscriminates all standard 1Dcodes including GS1 DataBar <sup>1</sup> linear codes.     RESOLUTION (MAXIMUM)       DECODING CAPABILITY     MaxiCode; QR Code     Post All codes Code; China Han Xin Code; Data Matrix; MaxiCode; QR Code     READING RANGES       D/LINEARCODES     Autodiscriminates all standard 1Dcodes including GS1 DataBar <sup>2</sup> linear codes.     READING RANGES       2D CODES     Autoriscriminates all standard 1Dcodes including GS1 DataBar <sup>3</sup> linear codes.     READING RANGES       STACKED CODES     (RM4SCC)     EAVIAN Composites; GS1 DataBar Composites, GS1 DataBar Stacked; GS1 Da	using an external Piconet dongle); Profiles: SPP (Sarial Pot Profile)     MAGERSENSOR     Wide VGA:75; UGHTSOURCE       Profiles: SPP (Sarial Pot Profile)     Aning: 550 m Protocol Biluetodia 30 certified Class 2.       Radio Frequency: 24 GHz     Radio Range (Open Alf): 30 Orn (98 4H; Range distances are measured using the base station. Range with connection to other Biluetooth peripherals may show different results. Security: Data Encryption; Scanner Authentication     READING ANCLE     Pitch: 44-40°; READING ANCLE       DECODING: CAPABILITY     TDI LINEARCODES     Autodiscriminates all standard 1D codes including GS1 DataBar <sup>11</sup> linear codes.     READING RANGES       DOCODES     Autocisci (Chin Han Xin Code; Data Matrix; MaxiCode; OR Code     READING RANGES     TYPICAL DEPTHOFFIELD       STACKED CODES     (RM4SCC)     EALING Composites, GS1 DataBar <sup>1</sup> linear codes.     READING RANGES       STACKED CODES     (RM4SCC)     EALING Composites, GS1 DataBar <sup>1</sup> linear code; Data Matrix; Marc/Code; Of Charles     Minimum dist and scan angle       STACKED CODES     (RM4SCC)     EALING POFAT, PDF4T; UPC A/F; Composites     Priviting resol, dependent.       Battery Type: Lithium-ion, 2100 mAh; Charge Time: External Power: 4 Hours @ 12 VDC;     Safetry A miss: 11 to 12 an / 14 to 24 in Data Matrix 5mis 2 to 6 to m / 11 to 24 in Data       CRADLE NDICATOR LEDS     Reads per Charge: 50.000     Safetry A mess: 13 to 6 sem / 20 zp; Lithium-ion, 2100 mAh; Charge Time: External Power: 4 Hours @ 12 VDC; Sandby/Idit (Typical); < 8 W; Operaling (Typical); < 2.5 W @ 5 VDC; Standby/Idit (Typical); < 8 W; Oper	using an external Propert dongle): Profiles: SPP (Serial Port Profile) Profiles: SPP (Serial Port Profile) Profile: SPP (Serial Port	

### INTERFACES

INTERFACES

RS-232/IBM46XX/USB Multi-Interface; RS-232/USB/Keyboard Wedge/

# GRYPHON™I GBT4400 2D

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 Caution Laser Radiation - Do not stare into beam; IEC 60825 Class 2

**OIDOJATACO** 

#### UTILITIES

ENVIRONMENTAL COMPLIANCE

LASER CLASSIFICATION

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

WARRANTY

3-Year Factory Warranty

#### **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





### AB&R® is a certified Datalogic partner. For information on Datalogic products and services contact an AB&R® representative at 800-281-3056

© 2010-2015 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 trademark of Datalogic Scanning Group S.r.I. • Gryphon and Motionix 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-GRYPHONIGBT44002D-EN Revision H 20150722

www.datalogic.com