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DATALOGIC GRYPHON™ I GBT/GM4500

GBT4500-BK-WLC
Gryphon GBT4500, 2D MP Imager, Wireless Charging, Black



- Detects 1D/2D code types
- Image sensor: 1MP, 1280 x 800 pixels
- 80,000 reads-per-charge
- Interfaces: USB, RS-232, multi interface

PRODUCT DESCRIPTION

IMAGING TECHNOLOGY

The Gryphon™ 4500 series represents the premium range of hand held scanners from Datalogic for general purpose applications. Designed with people in mind, the Gryphon 4500 series stands out with its elegant and cutting edge design, the unchallenged ergonomics, and features the most advanced Megapixel sensor with white-illumination 2D technology for outstanding performance.

WIRELESS COMMUNICATIONS

Featuring Bluetooth® wireless technology (GBT model) or narrow band radio communications with Datalogic's STAR Cordless System™ (GM model), the Gryphon 4500 wireless readers provide maximum flexibility to solve any end user application with the best technical solution.

WIRELESS CHARGING

One of the most important technical innovations that the Gryphon 4500 wireless scanners achieve is the battery recharge through an inductive charging system, which enhances the reliability of the entire solution, lowering the total cost of ownership because it eliminates the need for contacts' cleaning and maintenance procedures. The maximum reliability offered by the Gryphon wireless charging technology means 24/7 activities with no stops for maintenance or repair and top-level operating productivity and performance.

SIMPLE TO USE AND DEPLOY

The Gryphon I 4500 omnidirectional imager provides snappy reading performance on all common 1D and 2D codes. High Density (HD) models are available for reading smaller, condensed codes as well as a dedicated version with red illumination optics to support Digital Watermarking. Datalogic's Motionix™ motion-sensing technology enables the scanner to intuitively switch into hand held mode when the device is picked up. When placed back into the stand, it seamlessly returns to stand mode. The adjustable position cradle provides the flexibility to use the scanner in presentation or stand mode while it's charging.

TECHNICAL DATA

1D Code types	Auto discriminates all standard 1D codes
2D Code Types	Aztec Code, China Han Xin Code, Data Matrix, MaxiCode, Micro QR Code, QR Code, Dot Code
Approvals	RoHS
Battery	Lithium-Ion: 3250 mAh

Charge time	4hrs @ 12VDC
Colour	Black
Dimension (mm)	166 x 68 x 109
Drop resistance	Withstands repeated drops from 6ft on concrete surface
Humidity	0-95% (Non-condensing)
Immunity to ambient light	0 - 100,000 lux
Interface	USB, RS-232, Keyboard wedge multi interface
IP class	IP52
Kit	No
Light source	Warm white
Output current	330mA @ 3.7V
Postal Code Types	China Post, IMB, KIX Post, Planet Code, Postnet, Royal Mail Code (RM4SCC), UK Postal, Australia Postal, Japan Postal
Readable code types	1D / Linear Codes, 2D Codes, Postal Codes, Stacked Codes
Reading angle window	Pitch:+/-65°; Tilt: 360°; Skew: +/-65°
Reads per charge	80000
Sensor Type	1 Megapixel: 1280 x 800 pixels
Stacked Code Types	EAN/JAN Composites, GS1 Databar Composites, GS1 Databar Expanded Stacked, GS1 Databar Stacked, GS1 Databar Stacked Omnidirectional, Macro PDF, Micro PDF 417, PDF 417, UPC A/E Composites
Storage temperature max	70 °C
Storage temperature min	-40 °C
Temperature operational max	50 °C
Temperature operational min	0 °C
Weight	235 g
Wireless	Yes
Wireless technology	Bluetooth Wireless Communication