IMAGING TECHNOLOGY
The Gryphon™ 4500 series represents the premium range of handheld scanners from Datalogic for general purpose applications. Designed with people in mind, the Gryphon I GD4500 imager stands out for the elegant and trendy design, the unchallenged ergonomics and features the most advanced Megapixel sensor with white-illumination 2D technology for outstanding performance.

TOP TECHNOLOGIES FOR TODAY’S POS
Perfect for both handheld and presentation reading, the Gryphon I GD4500 imager exploits Datalogic’s Motionix™ motion-sensing technology which detects the natural actions of the operator to automatically switch the scanner into the desired scanning mode. This technology works with or without the use of a stand, offering more operational choices. Both the aimer and sensor can be programmed to the user’s desired preferences.

Datalogic distinctive reading technology with highly visible white-illumination is easier on the human eyes and reads colored labels better. The highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads, while the aimer’s center cross provides a locator for targeted scanning in a multiple bar code environment.

SIMPLE TO USE AND DEPLOY
The Gryphon I GD4500 omnidirectional imager provides snappy reading performance on all common 1D and 2D codes as well as postal, stacked and composite codes like PDF417. High Density (HD) models are also available for reading smaller, condensed codes. A dedicated version with red illumination optics reads Digital Watermarking. For mobile marketing or ticketing applications, this imager also offers excellent performance when reading bar codes from mobile devices.

The enhanced optics offer improved motion tolerance and high speed imaging to read fast moving codes.
## Gryphon™ I GD4500 2D

### Technical Specifications

#### Decoding Capability

**1D / Linear Codes**
- Autodiscriminates all standard 1D codes including GS1 DataBar linear codes
- Aztec Code
- China Han Xin Code
- Data Matrix
- MaxiCode
- Micro QR Code
- QR Code

**2D Codes**
- PDF417: 4.5 - 14.0 VDC
- GD4500: Standard Range (SR): 1D Linear: 0.102 mm / 4 mils; 2D Area: 0.102 mm / 4 mils
- GD4500: High Density (HD): 1D Linear: 0.077 mm / 3 mils; 2D Area: 0.077 mm / 3 mils

**Postal Codes**
- EAN/JAN Composites
- GS1 DataBar Stacked Omnidirectional
- GS1 DataBar Expanded Stacked
- GS1 DataBar Stacked

**Stacked Codes**
- EAN/JAN Composites
- GS1 DataBar Composites

**Digital Watermarking**
- Digimarc Barcodes

#### Image Performance

**Image Capture**
- Graphic Formats: BMP, JPEG, TIFF;
- Greyscale: 256, 16, 2

**Imager Sensor**
- 1 Megapixel: 1280 x 800 pixels

**Light Source**
- Aiming: Red Laser 650 nm
- Illumination: Warm White
- Hyper Red LED for Digimarc

**Motion Tolerance**
- Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65°

**Print Contrast Ratio (Minimum)**
- Beeper (Adjustable Tone)

**Reading Angle**
- Datalogic Three Green Lights
  - (3GL) Good Read Feedback
- Dual Good Read LEDs
  - Lights

**Reading Indicators**
- Beeper (Adjustable Tone)
- Datalogic Three Green Lights
- Dual Good Read LEDs
- Lights

**Resolution (Maximum)**
- Standard Range (SR): 1D Linear: 0.102 mm / 4 mils; 2D Area: 0.102 mm / 4 mils
- High Density (HD): 1D Linear: 0.077 mm / 3 mils; 2D Area: 0.077 mm / 3 mils

**Environment**

**Emission**
- 35 Ips

**Environments**
- IP52

**Emittance**
- 0 - 100,000 lux

**Code Resolutions**
- PDF417: 0.077 mm / 3 mils; 10 mils: 0.2 to 12.0 cm / 0.8 to 4.7 in
- Code 39: 5 mils: 7.0 to 38.0 cm / 2.7 to 14.9 in
- Data Matrix: 4 mils: 3.0 to 12.0 cm / 1.2 to 4.7 in
- EAN-13: 13 mils: 0.5 to 10.0 cm / 0.2 to 3.9 in
- QR Code: 10 mils: 0.3 to 12.0 cm / 0.1 to 4.7 in

**Reading Distance**
- Minimum distance determined by symbol length and scan angle.

**Dimensions**
- 16.6 x 6.8 x 10.9 cm / 6.5 x 2.7 x 4.3 in

**Weight**
- 161.0 g / 5.7 oz

### Accessories

- STD-G041-WH Basic Stand, G041, White
- STD-G041-BK Basic Stand, G041, Black
- HLD-G041-WH Desk/Wall Holder, G041, White
- HLD-G041-BK Desk/Wall Holder, G041, Black
- 11-0362 Holder, Multi-Purpose, Grey
- 11-0360 Holder, Multi-Purpose, Black

### Warranty

- 5-Year Factory Warranty

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