



ADVANCED IMAGING TECHNOLOGY

Using advanced imaging technology, the Gryphon™ GFE4400 2D engine provides a compact and easy-to-use solution for OEM use in self-service kiosks, price verifiers, ticket readers, document handling and medical laboratory applications, as well as vending machines and other automated equipment.

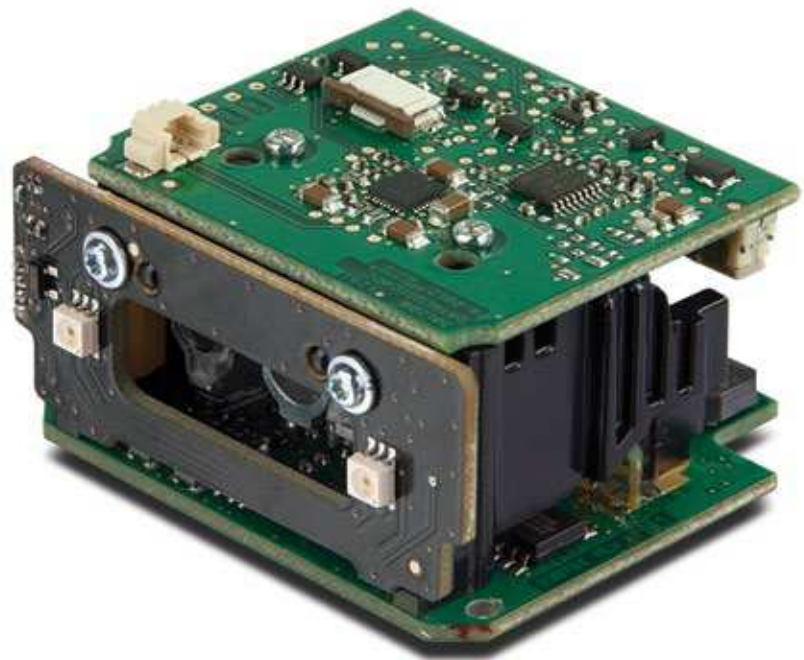
The GFE4400 2D OEM engine features outstanding near-field reading, a wide angle field-of-view, high motion tolerance, snappy reading, and also offers excellent performance on decoding poor or damaged bar codes. The GFE4400 2D OEM engine also offers good-read visual confirmation with Datalogic's patented 'Green Spot' technology.

RED ILLUMINATING LIGHT AND 4-DOT AIMER

User comfort is maximized with the GFE4400 2D OEM engine's steady, deep red illumination light. Easier on the eyes than competitive products with flicker illumination, the highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads. The aimer's center cross provides a locator for targeted scanning in a multiple bar code environment.

1D AND 2D CAPABILITIES

The GFE4400 2D OEM engine provides snappy reading performance on all common 1D and 2D codes as well as postal, stacked and composite codes like PDF417. For mobile marketing or ticketing applications, this imager also offers excellent performance when reading bar codes from mobile devices.



FEATURES

- Highly visible 4-Dot aimer with center cross for targeted scanning
- Omnidirectional reading
- Advanced motion tolerance optics
- Image capture and document scanning capabilities
- Reads bar codes down to 4 mils
- Reads 1D, 2D and postal codes plus stacked and composite codes
- Interface options: RS-232 or USB
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Automatic sensing or manual trigger options available
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- OEM Applications:
 - Service Kiosks
 - Price Verifiers
 - Ticket Readers
 - Document Handling
 - Medical Laboratories
 - Vending Machines
 - Additional Automated Equipment

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; Micro QR Code; QR Code |
| POSTAL CODES | Australian Post; British 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 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites |

ELECTRICAL

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|---------------|--|
| CURRENT | Operating (Typical): < 180 mA Standby/Idle (Typical): Automatic Object Sense Mode: 115 mA Online & Serial OnLine Modes: 65 mA |
| INPUT VOLTAGE | 5 VDC +/- 5% |

ENVIRONMENTAL

| | |
|---------------------------|--|
| AMBIENT LIGHT | 0 - 100,000 lux |
| HUMIDITY (NON-CONDENSING) | 5-95% |
| TEMPERATURE | Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F |

INTERFACES

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|------------|---|
| INTERFACES | OEM (IBM) USB; RS-232; USB: USB COM; USB HID Keyboard |
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PHYSICAL CHARACTERISTICS

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|------------|---|
| DIMENSIONS | 2.8 x 4.2 x 4.8 cm / 1.1 x 1.7 x 1.9 in |
| WEIGHT | USB: 51.2 g / 1.8 oz RS-232: 51.2 g / 1.8 oz |

READING PERFORMANCE

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|--------------------------------|---|
| IMAGE CAPTURE | Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 |
| IMAGER SENSOR | Wide VGA: 752 x 480 pixels |
| LIGHT SOURCE | Aiming: 650 nm VLD |
| PRINT CONTRAST RATIO (MINIMUM) | 25% |
| READING ANGLE | Pitch: +/- 40°; Roll (Tilt): 180°; Skew (Yaw): +/- 40° |
| RESOLUTION (MAXIMUM) | 1D Linear: 0.102 mm / 4 mils Data Matrix: 0.178 mm / 7 mils PDF417: 0.102 mm / 4 mils |

READING RANGES

| | |
|------------------------|--|
| TYPICAL DEPTH OF FIELD | Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mil: 4.7 to 17.7 cm / 1.8 to 7.0 in Code 39: 10 mil: 1.7 to 33.2 cm / 0.7 to 13.1 in Data Matrix: 10 mil: 2.7 to 17.1 cm / 1.0 to 6.7 in Data Matrix: 15 mil: 1.2 to 24.6 cm / 0.5 to 9.7 in EAN: 13 mil: 2.5 to 41.9 cm / 1.0 to 16.5 in PDF417: 10 mil: 2.2 to 23.9 cm / 0.9 to 9.4 in QR Code: 10 mil: 3.5 to 16.0 cm / 1.4 to 6.3 in |
|------------------------|--|

SAFETY & REGULATORY

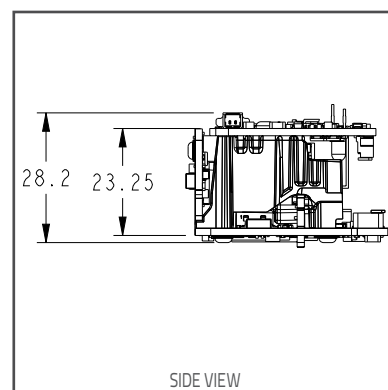
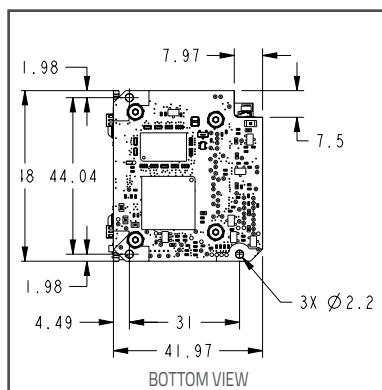
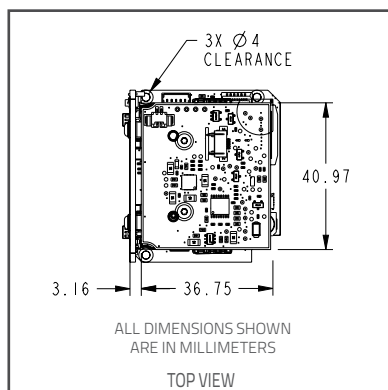
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|--------------------------|---|
| AGENCY APPROVALS | The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications. |
| ENVIRONMENTAL COMPLIANCE | Complies to China RoHS; Complies to EU RoHS |
| LASER CLASSIFICATION | Caution Laser Radiation - Do not stare into beam; IEC 60825, Class 2 |

UTILITIES

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|----------------------|---|
| DATALOGIC ALADDIN™ | Datalogic Aladdin configuration program is available for download at no charge. |
| OPOS / JAVAPOS | JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge. |
| REMOTE HOST DOWNLOAD | Lowers service costs and improves operations. |

WARRANTY

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|----------|---------------------------|
| WARRANTY | 18-Month Factory Warranty |
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SIMPLE TO INTEGRATE

Designed for easy integration, the Gryphon GFS4400 2D module provides a 'plug-and-play' solution for system designers. Constructed using high-impact resin to withstand repeated cleanings with solvents and disinfectant solutions, the sealed enclosure meets industrial standards against water and particulates to provide dependable scanning performance.

ADVANCED IMAGING TECHNOLOGY

The GFS4400 2D OEM module features outstanding near-field reading, a wide angle field-of-view, high motion tolerance, snappy reading, and also offers excellent performance on decoding poor or damaged bar codes. As with all Gryphon readers, the GFS4400 reader offers good-read visual confirmation with Datalogic's patented 'Green Spot' technology.

RED ILLUMINATING LIGHT AND 4-DOT AIMER

User comfort is maximized with the GFS4400 OEM module's steady, deep red illumination light. Easier on the eyes than competitive products with flicker illumination, the highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads. The aimer's center cross provides a locator for targeted scanning in a multiple bar code environment.



FEATURES

- Highly visible 4-Dot aimer with center cross for targeted scanning
- Omnidirectional reading
- Advanced motion tolerance optics
- Image capture and document scanning capabilities
- Reads bar codes down to 4mils
- Reads 1D, 2D and postal codes plus stacked and composite codes
- Interface options: RS-232 or USB
- Datalogic's patented Green Spot for good-read feedback
- Integrated good-read beeper
- Automatic sensing or manual trigger options available
- High-impact resin creates a solvent-tolerant enclosure
- Water and Particulate Sealing Rating: IP54
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- OEM Applications:
 - Service Kiosks
 - Price Verifiers
 - Ticket Readers
 - Document Handling
 - Medical Laboratories
 - Vending Machines
 - Additional Automated Equipment

TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

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|-------------------|---|
| 1D / LINEAR CODES | Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. |
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| CURRENT | Operating (Typical): < 180 mA Standby/Idle (Typical): Automatic Object Sense Mode: 115 mA Online & Serial OnLine Modes: 65 mA |
| INPUT VOLTAGE | 5 VDC +/- 5% |

ENVIRONMENTAL

| | |
|-------------------------------|--|
| AMBIENT LIGHT | 0 - 100,000 lux |
| DROP RESISTANCE | Withstands repeated drops from 0.76 m / 2.50 ft onto a concrete surface |
| HUMIDITY (NON-CONDENSING) | 5-95% |
| PARTICULATE AND WATER SEALING | IP54 |
| TEMPERATURE | Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F |

INTERFACES

| | |
|------------|---|
| INTERFACES | OEM (IBM) USB; RS-232; USB: USB COM; USB HID Keyboard |
|------------|---|

PHYSICAL CHARACTERISTICS

| | |
|---------------------|---|
| COLORS AVAILABLE | Grey; Other colors and custom logo options are available for minimum quantity purchase. |
| DIMENSIONS | 3.9 x 5.7 x 5.8 cm / 1.5 x 2.2 x 2.3 in |
| WEIGHT (WITH CABLE) | USB: 170 g / 6.3 oz RS-232: 204 g / 7.2 oz |

READING PERFORMANCE

| | |
|--------------------------------|---|
| IMAGE CAPTURE | Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 |
| IMAGER SENSOR | Wide VGA: 752 x 480 pixels |
| LIGHT SOURCE | Aiming: 650 nm VLD |
| PRINT CONTRAST RATIO (MINIMUM) | 25% |
| READING ANGLE | Pitch: +/- 40°; Roll (Tilt): 180°; Skew (Yaw): +/- 40° |
| READING INDICATORS | Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED |
| RESOLUTION (MAXIMUM) | 1D Linear: 0.102 mm / 4 mils Data Matrix: 0.178 mm / 7 mils PDF417: 0.102 mm / 4 mils |

READING RANGES

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SAFETY & REGULATORY

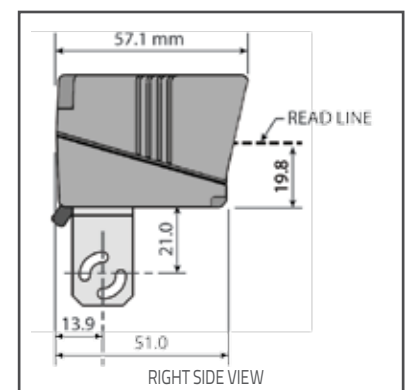
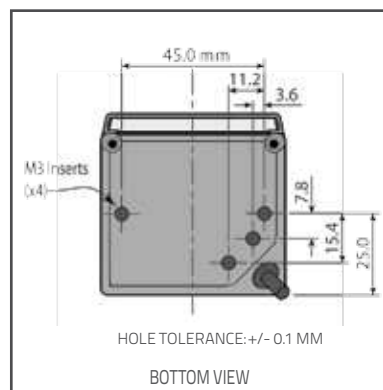
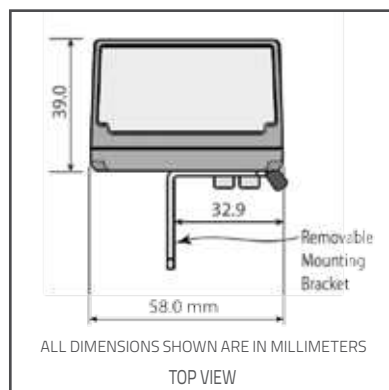
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| AGENCY APPROVALS | The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications. |
| ENVIRONMENTAL COMPLIANCE | Complies to China RoHS; Complies to EU RoHS |
| LASER CLASSIFICATION | Caution Laser Radiation - Do not stare into beam; IEC 60825, Class2 |

UTILITIES

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| DATALOGIC ALADDIN™ | Datalogic Aladdin configuration program is available for download at no charge. |
| OPOS / JAVAPOS | JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge. |
| REMOTE HOST DOWNLOAD | Lowers service costs and improves operations. |

WARRANTY

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|----------|-------------------------|
| WARRANTY | 3-Year Factory Warranty |
|----------|-------------------------|





800 729 0236
www.logiscenter.us



0241 9550 9225
www.logiscenter.de



01 82 88 44 70
www.logiscenter.fr



020 3318 8265
www.logiscenter.co.uk



0720 115814
www.logiscenter.at



02 58 80 583
www.logiscenter.be



911 433 048
www.logiscenter.com



02 4792 1697
www.logiscenter.it



308 800 842
www.logiscenter.pt

About LOGISCENTER

Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 60,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products, we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.



All Brands Technical Service

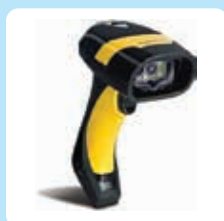
Our Brands



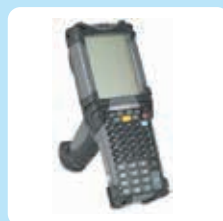
Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



Barcode readers



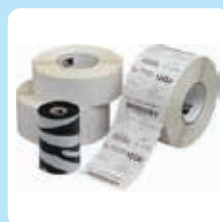
Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)