# GRYPHON™ I GFS4100

### **OIDOJATACO**



#### SIMPLE TO INTEGRATE

Designed for easy integration, the Gryphon I GFS4100 reader provides a simple 'plugand-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 and reliable scanning performance.

#### **ADVANCED IMAGING TECHNOLOGY**

The Gryphon I GFS4100 OEM module shares the same excellent reading characteristics found in the premium line of Gryphon™ 4100 series of handheld devices. Featuring outstanding nearfield reading, a wide angle field-ofview, improved motion tolerance and snappy reading, it also offers integrators excellent performance on decoding poor or damaged codes. As with all Gryphon readers, the GFS4100 reader offers users additional good-read visual confirmation with Datalogic's patented 'Green Spot' technology.

#### **CONTINUOUS SCANNING CAPABILITY**

The Gryphon I GFS4100 reader supports several modes that can be used as a trigger. The module has the ability to automatically sense objects and trigger itself. A continuous scan mode transmits data whenever a bar code passes into its field of view. The reader can be triggered remotely using input from programmable logic controller (PLC) or sensor.





#### FEATURES

- High-speed imaging for fast moving codes
- Read rate: 320 reads/second
- Excellent near-field reading at the scan window
- Supports all common linear (1D) bar codes including GS1 DataBar™
- Reads high resolution bar codes up to 3 mils
- Datalogic's patented Green Spot for good-read feedback
- Integrated good-read beeper
- Automatic sensing or manual trigger options available
- Integrated interface cable
  - 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

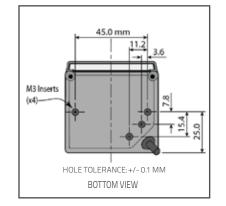
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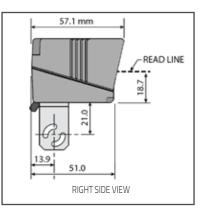
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DECODING CAPABILITY		READING RANGES	
1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.	TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 5 mils: 5.0 to 16.0 cm / 2.0 to 6.3 in 8 mils: 3.0 to 27.0 cm / 1.2 to 10.6 in 10 mils: 1.5 to 30.0 cm / 0.6 to 11.8 in 13 mils: 3.0 to 40.0 cm / 1.2 to 15.7 in 20 mils: up to 60.0 cm / up to 23.6 in
CURRENT INPUT VOLTAGE	Operating (Typical): 390 mA Standby/Idle (Typical): GFS4170: < 2.5 mA 5 VDC +/- 5%		
ENVIRONMENTAL			
AMBIENT LIGHT	0 - 100,000 lux	SAFETY & REGULATORY	
DROP RESISTANCE ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING)	Withstands repeated drops from 0.76 m / 2.50 ft onto a concrete surface 16 kV 95% IP54 Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -25 to 50 °C / -13 to 122 °F	AGENCY APPROVALS	The product meets necessary safety and regulator 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 IEC 60825-1 Class 1 LED Product
PARTICULATE AND WATER SEALING TEMPERATURE		ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION	
		UTILITIES	
INTERFACES		DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is
INTERFACES	RS-232; USB	OPOS / JAVAPOS	available for download at no charge. JavaPOS Utilities are available for download at no charge.
PHYSICAL CHARACTERISTICS			OPOS Utilities are available for download at no
COLORS AVAILABLE	Grey; Other colors and custom logo options are available for minimum quantity purchase. 3.9 x 5.7 x 5.8 cm / 1.5 x 2.2 x 2.3 in	REMOTE HOST DOWNLOAD	charge. Lowers service costs and improves operations.
WEIGHT	170.0 g / 6.0 oz (including a 2.0 m / 6.6 ft RS-232 cable)	WARRANTY	
	Cable)	WARRANTY	3-Year Factory Warranty
READING PERFORMANCE			
IMAGER SENSOR LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ RATE (MAXIMUM) READING ANGLE READING INDICATORS	CCD Solid State Illumination: Dual LED Array 630 - 670 nm 15% 320 reads/sec. Pitch:+/- 65°; Roll (Tilt):+/- 35°; Skew (Yaw):+/- 65° Beeper; Datalogic 'Green Spot' Good Read Feedback;		

39.0 32.9 Removable Mounting Bracket 58.0 mm FRONT VIEW

**RESOLUTION (MAXIMUM)** 





Beeper; Datalogic 'Green Spot' Good Read Feedback; Good Read LED 0.076 mm / 3 mils

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