

Gryphon GFS4400 Fixed Barcode Scanner 1D/2D, RS-232

The Gryphon™ GFS4400 2D fixed mount bar code reader provides a complete self-contained solution for OEM use into self-service kiosks, price verifiers, ticket readers, document handling, and medical laboratory applications, as well as vending machines and other automated equipment.

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.



Key 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
- 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: IP5



Technical Description

Functionality & Operation

Communication interface	RS232
Programmable features	Datalogic Aladdin™, OPOS / JavaPOS, Remote Host Download
2D Code Symbolologies	all standard 2D-Codes
Indicators	Beeper (Adjustable Tone); Datalogic 'Green Spot' GoodRead Feedback; Good Read LED
1D Barcode Symbolologies	All standard one-dimension barcodes

Optical

Minimal PCS value	25%
Bar code scanner	Wide VGA: 752 x 480 pixels
Light source	Aiming: 650 nm VLD
Depth of scan field	12 - 419 mm
Maximal skew angle	40%
Maximal pitch angle	40%

Electrical

Power Source	Operating (Typical): < 180 mA, Standby/Idle (Typical): Automatic Object Sense Mode: 115 mA, Online & Serial OnLine Modes: 65 mA
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Mechanical

Weight	204g
Color	dark grey
Dimensions	Width: 3.9cm, Height: 5.8cm Length: 5.7cm
Maximal rotation angle	180°

Environment

Maximal ambient light	100000lux
Shock resistance	Withstands repeated drops from 0.76 m onto a concrete surface
Operating humidity (non-condensing)	5 to 95%
Ingress protection	IP54
Operating temperature	-20 to 50°C
Storage temperature	-20 to 70°C

Others

Warranty	2 years
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