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DATALOGIC GRYPHON GFS4100

1D self contained OEM scanner

GFS4170
Gryphon GFS4100 Fixed Scanner, 1D Imager, USB



- Maximum resolution 0.076mm
- Humidity (Non-Condensing) 95%
- USB/RS-232 interfaces
- Ambient light 0-100,000 lux

PRODUCT DESCRIPTION

The Gryphon™ I GFS4100 is a fixed mount bar code reader, using advanced imaging technology, providing a complete self-contained solution for OEM use into self-service kiosks, price verifiers, ticket readers, document handling and medical lab applications, as well as vending machines and other automated equipment.

With a simple 'plug-and-play' solution the Gryphon™ I GFS4100 is designed for easy integration for syste designers, constructed using high-impact resin in order to withstand cleaning with solvents and disinfectant solutions. To provide dependable and reliable scanning performance the sealed enclosure meets industrial standards against water and particulates.
Offering excellant performance on decoding poor or damaged codes the Gryphon™ I GFS4100 features outstanding near-field reading, wide angle field-of-view and improved motion detection. As with all Gryphon readers, the GFS4100 reader offers users additional good-read visual confirmation with Datalogic's patented 'Green Spot' technology.

The Gryphon™ I GFS4100 supports several modes that can be used as a trigger, it has the ability to automatically sense objects abd trigger itself, a continuoous scan mode can be used to transmit data whenever a barcode passes its field of view or the reader can be triggered remotely using input from a programmable logic controller or sensor.
There are two models available, The GFS4150-9 supports RS-232 serial interface, alternatively the GFS4170 features a USB interface. The USB version supports both USB-HID for easy integration and keyboard emulation, or USB COM for virtual serial communications.

TECHNICAL DATA

1D Code types	Auto discriminates all standard 1D codes
Approvals	RoHS
Colour	Grey
Dimension (mm)	39 x 57 x 58
Drop resistance	Withstands repeated drops from 0.76 m / 2.50 ft onto a concrete surface
Humidity	95% (Non-condensing)
Immunity to ambient light	0 - 100,000 lux
Interface	USB
IP class	IP54

Light source	Illumination: Dual LED Array 630 - 670nm
Output current	390 mA
Readable code types	1D / Linear Codes
Reading angle window	Pitch:+/-65°; Tilt: +/- 45°; Skew: +/-65°
Reading speed	320 reads/sec
Sensor Type	CCD
Storage temperature max	50 °C
Storage temperature min	-25 °C
Temperature operational max	50 °C
Temperature operational min	0 °C
Weight	170 g

