# OEM AUTOMATIC

**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

**DATALOGIC**

## DATALOGIC GRYPHON GFS4100

1D self contained OEM scanner

GFS4150-9
Gryphon GFS4100 Fixed Scanner, 1D Imager, RS-232
(9P)

- 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 | RS-232 |
|---|---|
| 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 |
| Resolution | 0.076 mm / 3 mils |
| 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 |