DATALOGIC GRYPHON GFS4400

1D/2D self-contained

GFS4450-9
Gryphon GFS4450 Fixed Scanner, 1D/2D Imager, RS232



- Maximum resolution 0.178mm
- Humidity (Non-Condensing) 5-95%
- USB/RS-232 interfaces
- Ambient light 0-100,000 lux

PRODUCT DESCRIPTION

The Gryphon™ GFS4400 2D 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™ GFS4400 2D 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™ GFS4400 2D features outstanding near-field reading, wide angle field-of-view and improved motion detection.
As with all Gryphon readers, the GFS4400 reader offers good-read visual confirmation with Datalogic's patented 'Green Spot' technology.

The steady, deep red illumination light maximises user comfort, it is easier on the eyes than other competitive products with flicker illumination. In a multiple bar code environment the reader uses a center cross for the aimer to provide targeted scanning, as well as this the highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads.
For mobile marketing or ticketing applications, this imager offers excellent performance when reading bar codes from mobile devices, also providing snappy reading performance on all common 1D and 2D codes as well as postal, stacked and composite codes like PDF417
The GFS4400 OEM module eliminates the need for separate equipment with signature capture and document scanning capabilities.

The Gryphon™ GFS4400 2D 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 GFS4450-9 supports RS-232 serial interface, alternatively the GFS4470 features a USB interface. The USB version supports both USB-HID for easy integration and keyboard emulation, or USB COM for virtual serial communications.

SPECIFICATIONS

Approvals	RoHS
Color	Grey
Dimension (mm)	28 x 42 x 48
Drop resistance	Withstands repeated drops from 0.76 m / 2.50 ft onto a concrete surface
Humidity	5 - 95% (Non-condensing)
Immunity To Ambient Light	0 - 100,000 lux

Interface	RS-232
Light Source	Aiming: 650 nm VLD
Output current	<180 mA
Reading Angle Window	Pitch:+/-40°; Tilt: +/- 180°; Skew: +/-40°
Temperature range bearing, from	-20
Temperature range bearing, to	70
Temperature range from	-20
Temperature range to	50
Weight	51.2