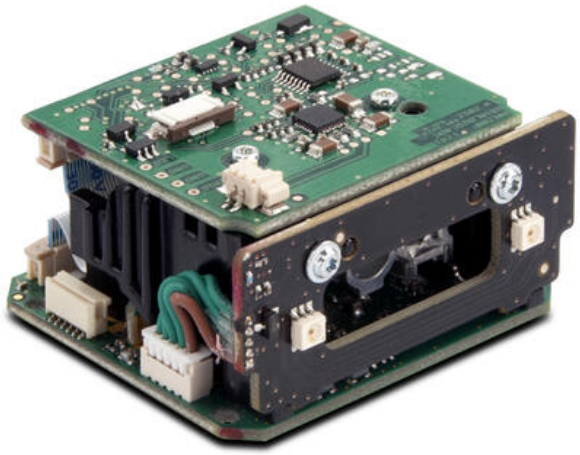
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DATALOGIC GFE4400 EMBEDDED

1D/2D OEM Scanner

GFE4490-K2
Gryphon GFE4450 Embedded Scanner kit, 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

For OEM use in self-service kiosks, price verifiers, ticket readers, document handling and medical laboratory applications, as well as vending machines and other automated equipment the GFE4400 2D engine provides a compact and easy-to-use solution.

Offering excellant performance on decoding poor or damaged codes the Gryphon™ I GFS4100 features outstanding near-field reading, wide angle field-of-view and high motion tolerance.
As with all Gryphon readers, the GFE4400 2D OEM engine offers good-read visual confirmation with Datalogic's patented 'Green Spot' technology.

For user comfort the GFE4400 2D offers steady deep red illumination, which is easier on the eyes that 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 GFE4400 2D OEM engine 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 GFE4490-K2 supports RS-232 serial interface, alternatively the GFE4490-K1 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
2D Code Types	Aztec Code, China Han Xin Code, Data Matrix, MaxiCode, Micro QR Code, QR Code
Approvals	RoHS
Dimension (mm)	28 x 42 x 48
Humidity	5-95% (Non-Condensing)
Immunity to ambient light	0-100,000 lux
Interface	RS232

Output current max	180 mA
Postal Code Types	China Post, IMB, KIX Post, Planet Code, Postnet, Royal Mail Code (RM4SCC), Australia Postal, Japan Postal, Korea Post
Readable code types	1D / Linear Codes, 2D Codes, Postal Codes, Stacked Codes
Reading angle window	Pitch: +/-40°; Roll (Tilt): 180°; Skew (Yaw): +/-40°
Resolution max	7 mils
Sensor Type	Wide VGA: 752 x 480 pixels
Stacked Code Types	EAN/JAN Composites, GS1 Databar Composites, GS1 Databar Expanded Stacked, GS1 Databar Stacked, GS1 Databar Stacked Omnidirectional, Macro PDF, Micro PDF 417, PDF 417, UPC A/E Composites
Storage temperature max	70 °C
Storage temperature min	-20 °C
Temperature operational max	50 °C
Temperature operational min	-20 °C
Weight	51.2 g

