gryphon™

Instinctive Reading Intelligent Scanner

GRYPHON

USB ℬ
UNIVERSAL SERIAL BUS

5 year
WARRANTY
*For models with cable only

General Description

The new Gryphon™ reader series has been developed by Datalogic to provide opti-mised reading performance through excellent ergonomic design.

The "INSTINCTIVE READING DISTANCE", a concept introduced by Datalogic a few years ago based on in-depth ergonomic studies, represents the natural position of the user while reading a code. The Gryphon™ series takes this concept one step fur-ther; optimised optics allow reading of the most popular standard codes with supe-rior depths of field from near contact to over 30 cm. The "green spot", (Datalogic patent application) produced by the Gryphon™ provides "good reading" feedback directly on the code, where the user usually tends to be looking.

Gryphon™ connectivity is now further expanded thanks to the introduction of new tethered models. Besides the standard Gryphon™ models D100 and D200, the new Gryphon™ USB models D120, D220 are now available. They provide full compati-bility with every application that takes advantage of the USB interface: USB KBD Wedge, USB COM emulation and USB IBM POS. Furthermore, the D110 model pro-vides complete connectivity to main IBM cash registers and POS terminals.

The Gryphon™ M100 and M200, allow operations anywhere mobility is required at the desk/POS and around the shop floor, as well as in small warehouses. In addition, the Gryphon™ readers also read Reduced Space Symbology (RSS), an emerging sym-bology that can be printed on a smaller label which meets emerging market needs for a greater amount of data on a symbol.

Features

Gryphon™ Desk

> RSS symbologies, PDF417 and linear bar code decoding
> Several models available combining different interface set: USB, RS232, Pen Emulation, Wedge. Connectivity to the IBM 46xx POS cash registers

Gryphon™ Mobile

> 433 MHz or 910 MHz Radio System
> Multiple Scanner Support: up to 16 scanners simultaneously
> Radio Range 30 meters
> 100% compatible with STAR-System™

Applications

> Data capture in retail and office environments
> Suitable for any residential environment or wherever instinctive reading distance is preferred
> Small warehousing

DATALOGIC

gryphon™

**Instinctive Reading
Intelligent Scanner**

Specifications

MODELS	GRYPHON™ D & GRYPHON™ M
SENSOR	CCD solid state (3648 pixels)
MAX. SCAN RATE	270 scans/sec
MAX. RESOLUTION	0.076 mm (3 mils)
PRINT CONTRAST RATIO	15% (min.)
READING ANGLE:	Skew: ±80°; Pitch: 65°; Tilt: ±35° (EAN13, M=0.8, PCS=0.9)
READING INDICATORS	Good Read LED, "green spot" on the code, adjustable tone "beeper"
BAR CODES	2/5 family, Code 39 (plus Code 32, Cip 39), EAN/UPC, ISBN/ISSN, EAN 128, Code 128, ISBT 128, Code 93, Code 11, CODABAR, TELEPEN, PLESSEY, Code MSI, Code Delta IBM, CODABLOCK, Code 16K, Code 49
(D200/D220/M200 only)	PDF 417
(D120/D220 only)	RSS variants
PROGRAMMING METHOD	
Manual	Reading special bar codes
Automatic (with RS232)	S/W commands through the serial port
Sm@rtSet	Windows configuration program
INTERFACES	RS232, Wedge, Wand
(D110 only)	RS232 &IBM46XX Interface
(D120/D220 only)	USB & RS232 Interface
ENHANCED FEATURES	Puzzle Solver™, data editing and data concatenation
CASE MATERIAL	ABS and Polycarbonate, plus co-moulded rubber
AMBIENT LIGHT CONDITIONS	Up to 100.000 lux
STORAGE TEMPERATURE	-20 to 70 °C (-4 to 158° F) (without batteries)
HUMIDITY	90% non condensing
DROP RESISTANCE	IEC 68-2-32 Test ED; withstands repeated drops from 1.8 m onto a concrete surface
ENVIRONMENTAL PROTECTION	IP30

MODEL	GRYPHON™ D
POWER SUPPLY	5 VDC ±5%
CONSUMPTION	250 mA operating, 330 mA max.
OPERATING TEMP.	0 to 55 °C (32 to 131° F)
WEIGHT	180 g

MODEL	GRYPHON™ M
BATTERY TYPE	2 AA NiMh batteries
RECHARGE TIME	3 hours max.
OPERATING AUTONOMY	25,000 reads - NiMh
OPERATING TEMP.	0 to 40 °C (32 to 104° F)
RADIO FREQUENCY	433.92 MHz (Europe); 910 MHz (USA)
BIT RATE	19,200 baud (Europe); 36,800 baud (USA)
EFFECTIVE	<10 mW (Europe);
RADIATED POWER	<1mW (USA)
RADIO RANGE	30m open air (Europe); 15m open air (USA)
COEXISTING SYSTEMS	2048 max.
WEIGHT	280 g (with batteries)
CRADLE	**OM GRYPHON™**
POWER SUPPLY	9 to 28 VDC
POWER CONSUMPTION	8W max. (charging)
READING INDICATORS	Battery charging (red); Charge completed (green); Power/Data (yellow)
RECHARGE TIME	3 hours max.
RADIO FREQUENCY	433.92 MHz (Europe); 910 MHz (USA)
BIT RATE	19,200 baud (Europe); 36,800 baud (USA)
EFFECTIVE	<10 mW (Europe);
RADIATED POWER	<1mW (USA)
COEXISTING SYSTEMS	2048 max.
MULTI-POINT CONFIGURATION	Up to 16 readers connected to the same cradle
WEIGHT	250 g
DIMENSIONS	208 x 107 x 55.5 mm
CASE MATERIAL	ABS

Accessories

Gryphon™ Stand

Gryphon™ Desk/Wall holder

Gryphon™ Protective case

OM - Gryphon™/C-Gryphon™

Stand
The Gryphon™ stand makes it possible to use the reader in a hands-free mode.

Desk/Wall Holder
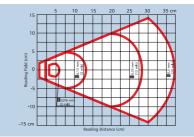The Desk/Wall Holder adds ease of use and flexibility in many environments where work space is limited.

Protective case-belt coupler
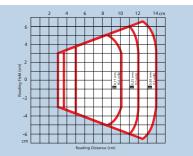The Protective Case allows the reader to be carried on a belt when not in use and protects it against drops.

OM Gryphon™/ C-Gryphon™
The ergonomically designed cradle functions both as a radio station and a recharge base. The C-Gryphon™ offers a low cost alternative in a single recharge base.

Reading Diagrams

Standard reading zone

PDF417 reading zone

DATALOGIC

DATALOGIC
Quality Partner
Accredited Reseller

CE CSQ TÜV