



\*For models with cable only



Hand-Held Readers

## General Description

The Gryphon™ reader series has been developed by Datalogic to provide outstanding reading performance and excellent ergonomic design combined with unmatched durability.

The balance of top-of-the-range features and extreme versatility of the Gryphon™ makes it the ultimate solution for many applications in retail as well as in light industrial environments where low resolution and/or damaged codes need to be read without problems.

The optimized optics of the Gryphon™ series allow reading of the most popular standard codes with superior depths of field from near contact to over 43 cm (long range version). The “green spot”, (Datalogic patent application) produced by the Gryphon™ provides “good reading” feedback directly on the code, useful in under-lighted or noisy environments.

Gryphon™ connectivity is now further expanded thanks to the introduction of new multi-interface models (Wedge, USB, RS232 and Wand), the D130 and D230. Besides these models, the new Gryphon™ Long Range model D130 LR is also now available. This new model offers long range reading distances, up to 43 cm (13 mils resolution for EAN and 100% UPC codes). In addition, the Gryphon™ readers also read Reduced Space Symbology (RSS), an emerging symbology that can be printed on a smaller label which meets emerging market needs for a greater amount of data on a symbol.

The Gryphon™ M100 and M200 models supported by the DATALOGIC STAR™ cordless system, the most reliable radio in the market which allows operations anywhere mobility is required at the Desk/POS and around the shop floor, as well as in small warehouses.

## Features

### Gryphon™ Desk

- > Reads most common linear bar codes including RSS symbologies and PDF417
- > Multi-interface and specific models available (IBM46xx, ESD)
- > Fast reading speed: 270 scans/sec
- > Excellent reliability: less than 0.5% yearly failure rate
- > Reading range from 0 to 43 cm
- > Outstanding performance when reading damaged codes
- > Full range of accessories available
- > Compatible with all Datalogic cables

### 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™
- > Sunrise 2005 compliant

## Applications

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

رایانه کارآ

دفتر اصفهان : مخ بزرگمهر ابتدای هشت بهشت غربی - ساختمان سینا واحد

سوم تلفن: ۲۶۶۶۲۷۷

دفتر تهران: سه راه طالقانی ابتدای فواجه نصیر - ساختمان ۲۷۳ واحد ۸ -

تلفن: ۷۷۶۰۵۴۹۲

## Specifications

### MODELS

SENSOR  
MAX. SCAN RATE  
MAX. RESOLUTION  
PRINT CONTRAST RATIO  
READING ANGLE:  
READING INDICATORS

BAR CODES (D130, M100)

(D230/M200 only)

PROGRAMMING METHOD

Manual

Automatic (with RS232)

Sm@rtSet

INTERFACES

(D110 only)

ENHANCED FEATURES

CASE MATERIAL

AMBIENT LIGHT CONDITIONS

STORAGE TEMPERATURE

HUMIDITY

DROP RESISTANCE

ENVIRONMENTAL PROTECTION

### MODEL

POWER SUPPLY

CONSUMPTION

OPERATING TEMP.

WEIGHT

### GRYPHON™ D & GRYPHON™ M

CCD solid state (3648 pixels)  
270 scans/sec  
0.076 mm (3 mils)  
15% (min.)  
Skew: ±80°; Pitch: 65°; Tilt: ±35° (EAN13, M=0.8, PCS=0.9)  
Good Read LED, "green spot" on the code, adjustable tone "beeper"  
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, RSS variants  
Code 16K, Code 49, PDF 417

Reading special bar codes  
S/W commands through the serial port  
Windows configuration program  
USB, RS232, Wedge, Wand  
RS232 & IBM46XX Interface  
Puzzle Solver™, data editing and data concatenation

ABS and Polycarbonate, plus co-moulded rubber  
Up to 100.000 lux  
-20 to 70 °C (-4 to 158° F) (without batteries)  
90% non condensing  
IEC 68-2-32 Test ED; withstands repeated drops from 1.8 m onto a concrete surface  
IP30

### GRYPHON™ D

5 VDC ±5%  
250 mA operating, 330 mA max.  
0 to 55 °C (32 to 131° F)  
180 g

### MODEL

BATTERY TYPE  
RECHARGE TIME  
OPERATING AUTONOMY  
OPERATING TEMP.  
RADIO FREQUENCY

BIT RATE

EFFECTIVE  
RADIATED POWER  
RADIO RANGE

COEXISTING SYSTEMS  
WEIGHT

### CRADLE

POWER SUPPLY  
POWER CONSUMPTION  
READING INDICATORS

RECHARGE TIME  
RADIO FREQUENCY

BIT RATE

EFFECTIVE  
RADIATED POWER  
COEXISTING SYSTEMS

MULTI-POINT  
CONFIGURATION  
WEIGHT

DIMENSIONS  
OPERATING TEMP.  
STORAGE TEMP.  
CASE MATERIAL

### GRYPHON™ M

2 AA NiMh batteries  
3 hours max.  
40,000 reads - NiMh  
0 to 40 °C (32 to 104° F)  
433.92 MHz (Europe);  
910 MHz (USA)  
19,200 baud (Europe);  
36,800 baud (USA)  
< 10 mW (Europe);  
< 1mW (USA)  
30m open air (Europe);  
15m open air (USA)  
2048 max.  
280 g (with batteries)

### OM GRYPHON™

9 to 28 VDC  
8W max. (charging)  
Battery charging (red);  
Charge completed (green);  
Power/Data (yellow)  
3 hours max.  
433.92 MHz (Europe);  
910 MHz (USA)  
19,200 baud (Europe);  
36,800 baud (USA)  
< 10 mW (Europe);  
< 1mW (USA)  
2048 max.  
Up to 16 readers connected  
to the same cradle  
250 g  
208 x 107 x 55.5 mm  
0° to +40 °C / 32° to 104 °F  
-20° to +70 °C / -4° to 158 °F  
ABS

## Accessories



Gryphon™ Stands



Gryphon™ Desk/Wall holders



Gryphon™ Protective case



OM - Gryphon™/C-Gryphon™

### Stand

The 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.

رایانه کارآ

دفتر اصفهان : مخ بزرگمهر ابتدای هشت بهشت غربی - ساختمان سینا واحد

سوم تلفن: ۲۶۶۶۲۷۷

دفتر تهران : سه راه طالقانی ابتدای فواجه نصیر - ساختمان ۲۷۳ واحد ۸ -

تلفن: ۷۷۶۰۵۴۹۲