

General Description

Unmatched ergonomics for flexible and easy installation, intuitive use, reliable and accurate in the long-term for all industrial applications: these outstanding characteristics perfectly summarize the main benefits offered by the renewed Dragon family.

Designed for productivity: operator comfort and productivity, essential in any scan-intensive application, is facilitated by the ergonomic handle, well-balanced weight, multiple good-read feedback (loud beeper, dual patented 3GL™ feedback including 2 leds and a green spot) and built-in metal hook for the reader hung-up on an elastic reel. All this is combined with the Dragon's™ superior reading performance further strengthened by patented Puzzle Solver Technology™ to allow fast and accurate reading of standard, poorly printed and damaged codes.

Reliability and accuracy in the long term: the rugged mechanics of the Dragon $^{\text{TM}}$ have been developed and tested to withstand extreme shock conditions (tens of drops from 2 m) as well as normal ones (thousands of 1 m drops) while reading performance and accuracy remain unchanged.

Superior radio features: operators requiring mobility in the manufacturing plant as well as in the warehouse or distribution center can benefit from the versatility of the mobile models: the Datalogic Star Cordless System $^{\text{TM}}$ represents the key to increase productivity and flexibility in the working area; it offers scalable solutions to solve simple point-to-point applications and complex projects. Furthermore, the Dragon $^{\text{TM}}$ M with a display and 3 push-button keypad allows the operator to visualize the code, receive information from the host and actively interact with it.

Installation flexibility: the set of accessories include a single and multiple battery charger (four slots), holder and stand, offering the opportunity to set-up the working area in the most useful and practical way.

Features

Dragon™ Desk

- > 2 meter drop resistance
- > Standard, LR and XLR optics
- > Man/machine interface: loud beeper and 3GL™ feedback
- > 10 cm to 10 m reading range

Dragon™ Mobile

- > Several models available:
 - With or without display
 - Standard, LR and XLR optics
 - 433 MHz or 910 MHz radio systems
- > Seamless roaming
- > Point-to-Point & Multipoint transmission
- > 100% compatible with STAR-System™
- > Plug-in battery

Applications

- > Work-in-progress control
- > Warehouse management
- > Shipping and receiving control
- > Cash & carry retail applications
- > Forklifts



Industrial Hand-Held Laser Scanner

Specifications

MODELS LIGHT SOURCE MAX SCAN RATE MAX RESOLUTION PRINT CONTRAST RATIO (min) READING ANGLE READING INDICATORS BAR CODES

PROGRAMMING METHOD

Manual Automatic Datalogic Aladdin™ ENHANCED FEATURES CASE MATERIAL AMBIENT LIGHT CONDITIONS

HUMIDITY **ENVIRONMENTAL PROTECTION**

CRADLE

POWER SUPPLY POWER CONSUMPTION READING INDICATORS **INTERFACES** DIMENSIONS without antenna CASE MATERIAL WEIGHT

MODELS

POWER SUPPLY CONSUMPTION **INTERFACES** OPERATING TEMPERATURE STORAGE TEMPERATURE DROP RESISTANCE WEIGHT

DRAGON™ D & DRAGON™ M VLD 630 - 680 nm

35 + 5 scans/sec

0.076 mm (D/M131); 0.25 mm (D/M1x1 LR); 0.33 mm (D/M1x1 XLR) 15%

Skew: +60: Pitch: 5 to 55, -5 to -55: Tilt: +20

Skew: ±60; PI(cn: 5 to 55, -5 to -55; III: ±20 Laser ON, 3 GL™ feedback, Beeper, Good transmission (Dragon™ M only) 2/5 family, Code 39 (plus Code 32, Cip 39), EAN/UPC, EAN 128, Code 128, Code 93, CODABAR, Code 49, Code MSI, Code 11, Code 16K, ISBN/ISSN, ISBT 128, RSS codes

Reading special bar codes

S/W commands through the RS232 serial port Windows configuration program Puzzle Solver™, data editing and data concatenation ABS and polycarbonate, plus co-molded rubber

Immune to light exposure in offices/facilities, and direct exposure to sunlight 90% non condensing

IP64

OM-3000/OM-3010

External: 10 to 30 Vdc; Host : 5 Vdc ± 10% External: max. 10 W, Host: max. 500 mA

Battery charging (red), Charge completed (green), Power/Data (yellow)

USB, RS232, Wedge, Wand and RS485 240 x 108 x 95 mm (9.44 x 4.25 x 3.75 in)

Approx. 380 g /13.4 oz

DRAGON™D

4 to 30 Vdc 420 mA @ 4 V; 310 mA @ 5 V; 62 mA @ 30 V

420 MA @ 4 V; 310 MA @ 5 V; 62 MA @ 30 V USB, RS232, Wedge, Wand -30 to 50 °C (-22 to 122 °F) -30 to 70 °C (-22 to 158 °F) Withstands repeated drops from 2 m onto a concrete surface

Approx. 295 g (10.4 oz)

MODELS **BATTERY TYPE** DISPLAY

DRAGON™M Li-ION 2150 mAh Graphic with backlight,

32 x 96 dots, and font dimension can be selected by the user (with default selection

4 lines x 16 columns) (M131/D model only)

KEYPAD 3 keys

(M131/D model only) RECHARGE TIME External: max. 4 hrs / Host: max. 10 hrs Over 60,000 operations

OPERATING **AUTONOMY**

OPERATING TEMP. -20 to 50 °C (-4 to 122 °F) STORAGE TEMP. -20 to 70 °C (-4 to 158 °F) DROP RESISTANCE Withstands repeated drops

from 2 m

WEIGHT Approx. 395 g

RADIO SPECIFICATIONS

RADIO FREQUENCY 433.92 MHz (EMEA, Asia,

Oceania)

910 MHz (Americas) BIT RATE 19,200 bauds (433.92 MHz),

36,800 (910 MHz)

EFFECTIVE RADIATED < 10 mW (433.92 MHz); **POWFR** <1 mW (910 MHz)

RADIO RANGE Up to 50 m (433.92 MHz);

Up to 30 m (910 MHz), depending on the working area

MAX NR. Max 32 devices per radio COEXISTING receiver; max 2000 devices in **SYSTEMS** the same reading area

Accessories



Multi-battery charger



OM-3000



SBS-3000 and RBP-3000

Makes it possible to use the reader in handsfree mode

OM 3000

Radio base station and Gun charger used with RS232, RS485, Wedge, Wand and USB interfaces. It's compatible with the AC-3000

This radio base station and Gun charger is available with RS232, Wedge, Wand and USB interfaces.

C-3000 Gun chargei Compatible with SBS-3000

SBS-3000 Spare Battery Slot

Coupled with OM-3000 or C-3000, allows spare battery charging

MBC-3000 Multiple battery charger It allows 4 battery charging.

SPC-3000 Desk/Wall Holder It provides installation flexibility.

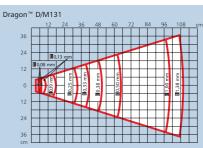
HLS-3000 Universal Holster

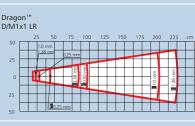
Allows the reader to be attached to desktops, work-tables, forklift trucks and other types of supports

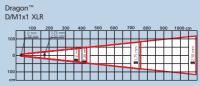
PC-3000 Protective Case/Belt Holster It permits the reader to be carried on a belt when not in use and protects it against drops.

RBP-3000 Removable Battery Pack Click on/off battery without screw for easy battery replacement and "stand-alone" charging.

Reading Diagrams







DATALOGIC QUALITY PARTNER IC



Product and Company names and logos referenced may be either trademarks or registered trademarks of their respective companies We reserve the right to make modifications and



