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™ 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™ 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™ 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
Specifications

MODELS DRAGON™ D & DRAGON™ M
LIGHT SOURCE VLD 630 - 680 nm
MAX SCAN RATE 35 ± 5 scans/sec
MAX RESOLUTION 0.76 mm (D/M131); 0.25 mm (D/M1x1 LR); 0.33 mm (D/M1x1 XLR)
PRINT CONTRAST RATIO (min) 15%
READER ANGLE Skew: ±60; Pitch: 5 to 55, -5 to -55; Tilt: ±20
READING INDICATORS Laser ON, 3 GL™ feedback, Beeper, Good transmission (Dragon™ M only)
PROGRAMMING METHOD Manual
Automatic
DEDICAT Aladdin™
ENHANCED FEATURES Puzzle Solver™, data editing and data concatenation
CASE MATERIAL ABS and polycarbonate, plus co-molded rubber
AMBIENT LIGHT CONDITIONS Immune to light exposure in offices/facilities, and direct exposure to sunlight
90% non condensing
ENVIRONMENTAL PROTECTION IP64
CRADLE OM-3000/OM-3010
POWER SUPPLY External: 10 to 30 Vdc; Host : 5 Vdc ± 10%
POWER CONSUMPTION External: max. 10 W, Host: max. 500 mA
READING INDICATORS Battery charging (red), Charge completed (green), Power/Data (yellow)
INTERFACES USB, RS232, Wedge, Wand and RS485
DIMENSIONS without antenna 240 x 108 x 95 mm (9.44 x 4.25 x 3.75 in)
CASE MATERIAL ABS
WEIGHT Approx. 380 g /13.4 oz
MODELS DRAGON™D
POWER SUPPLY 4 to 30 Vdc
CONSUMPTION 420 mA @ 4 V; 310 mA @ 5 V; 62 mA @ 30 V
INTERFACES USB, RS232, Wedge
OPERATING TEMPERATURE -30 to 50 °C (-22 to 122 °F)
STORAGE TEMPERATURE -30 to 70 °C (-22 to 158 °F)
DROP RESISTANCE Withstands repeated drops from 2 m
WEIGHT Approx. 295 g (10.4 oz)
MODELS DRAGON™M
BATTERY TYPE Li-ION 2150 mAh
DISPLAY 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
OPERATING AUTOMONY Over 60,000 operations
STORAGE TEMP. -20 to 50 °C (-4 to 122 °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 POWER <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 systems max 2000 devices in the same reading area

Reading Diagrams

Stand
Makes it possible to use the reader in hands-free mode.
OM 3000
Radio base station and Gun charger used with RS232, RS485, Wedge, and USB interfaces. It’s compatible with the AC-3000.
OM-3010
This radio base station and Gun charger is available with RS232, Wedge, and USB interfaces.
C-3000 Gun charger
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.

SBS-3000 and RBP-3000

SBS-3000 Spare Battery Slot
Coupled with OM-3000 or C-3000, allows spare battery charging.
PBC-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.