

QuickScan® Desk

Corded Laser Bar Code Reader

QuickScan L

DATALOGIC™



General Description

The QuickScan L bar code reader is a bar code scanner with laser technology at an affordable price. The QuickScan L reader is the perfect solution for general purpose users who prefer laser scanning technology and need to read bar codes at nominal distances. This scanner is lightweight and small with an ergonomic form factor which provides the user with ease of scanning during daily operations.

Used in retail and office application environments, the QuickScan L reader provides a snappy scanning performance and is capable of reading a wide range of bar codes including the majority of 1D and GS1 DataBar™ codes (previously known as RSS).

The wider than usual scan angle allows users to read a longer bar code from a shorter distance. The gun shaped ergonomic design fits most users' hands comfortably and the scanner only weighs 128 gr / 4.5 oz (without the cable).

The QuickScan L reader has been designed with durability in mind. It meets the IP42 sealing rating (against dust and liquid spills) and has a 1.5 m / 5 ft drop specification. This scanner also has a greater than 1 million duty cycle trigger specification as well as sustainable 20 kV of Electro Static Discharge (ESD). These are the best class specifications of any product on the market.

One of the most vulnerable features of any scanner is damage to the scanner window. When such incidents happen, the scanner may have to be replaced. The QuickScan L reader was specially designed so that the end user can order a replacement window pack and replace the damaged window without having to send the scanner in for repairs.

Features and Benefits

- > Light Weight Scanner: 128 g / 4.5 oz
- > Gun Shaped Ergonomics: Easy to handle and use
- > Multiple Interfaces: Keyboard Wedge, RS-232 and USB
- > User Replacable Scanner Window: Additional window kits can be ordered to replace scratched windows
- > Available as a 'Plug & Play' Kit: Kits include: a scanner (white or black), an interface cable and a 'hands-free' stand
- > Same Cables as Gryphon™ and Heron™: Provides a migration path for existing Datalogic handheld readers
- > Supports Linear Bar Codes and GS1 DataBar™ Symbologies: Designed for general purpose bar code scanning applications
- > Gooseneck Stand Available: Allows the customer the option of using the scanner in a hands-free mode (available in white or black)

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Specifications

MECHANICAL

DIMENSIONS 170 x 71 x 67 mm / 6.7 x 2.8 x 2.6 in
 WEIGHT (without cable) 128 g / 4.5 oz
 COLOR Black or White

ENVIRONMENTAL

OPERATING TEMPERATURE 0 °C to 50 °C / 32 °F to 122 °F
 STORAGE TEMPERATURE -40 °C to 70 °C / -40 °F to 158 °F
 HUMIDITY 5 TO 95% NC
 DROP RESISTANCE Withstands drops from 1.5 m / 5 ft to concrete
 ESD PROTECTION 20 kV
 WATER AND DUST RESISTANCE IP42
 INDICATORS LED and programmable beeper

ELECTRICAL

BASE INPUT VOLTAGE (POT) 5 VDC ± 10%
 CURRENT CONSUMPTION Operating: 100 mA @ 5 VDC
 Standby: <35 mA

OPTICAL

MINIMUM RESOLUTION 5 mils
 SKEW (YAW) ± 60°
 PITCH ± 65°
 TILT ± 30°
 SCAN ANGLE 47° ± 3°

Depth of Field	
LABEL DENSITY	READING RANGE
5 mils	13.9 cm / 5.5 in
7.5 mils	19.8 cm / 7.8 in
10 mils	21.8 cm / 8.6 in
13 mils	23.1 cm / 9.1 in
20 mils	26.9 cm / 10.6 in


Minimum distance determined by symbol length and scan angle, printing resolution, contrast and ambient light dependent.

PERFORMANCE

LIGHT SOURCE (LASER) 650 nm Laser Diode
 SCAN RATE 100 scans per second
 MAX. RESOLUTION 0.10 mm / 5 mils
 PRINT CONTRAST MINIMUM 30% minimum reflectance
 DECODING CAPABILITY Interleaved 2/5, Code 39 (and full ASCII, TriOptic), Discrete 2/5, UPC/EAN (with supplementals), UCC/EAN128, Code 128, Code 128 full ASCII, Code 93, CODABAR, Code MSI, Code 11, IATA, GS1 DataBar™ (RSS), Chinese 2 of 5

STAND MODE Yes
 INTERFACES SUPPORTED RS-232, Keyboard Wedge and USB (Keyboard and HID)

SAFETY AND REGULATORY

ELECTRICAL UL60950 (USA), CAN/CSA-22.2 No 60950 (Canada), EN60960 (TUV Europe).
 EMISSIONS FCC part 15, Class B (USA); EN 55022-B (Europe), AS/NZS CISPR 22-B (Australia/New Zealand), VCCI-B (Japan), CNS 13438-B (Taiwan), ICES-003 – B (Canada)
 LASER SAFETY Class 2 Laser Product. Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50 dated June 24, 2007. IEC/EN60825-1:2007 (CAUTION: Laser light - do not stare into beam) 
 RESTRICTION OF HAZARDOUS SUBSTANCES Complies to EU RoHS and China RoHS



Accessories



STD-QD20-BK: Hands-free Stand
 Allows use of the reader in hands-free mode. Also available in white.



11-0318: Replacement Window 5 pack
 Allows the user to replace a damaged window without sending the scanner in for repairs.



Datalogic Scanning, Inc.
 E-mail us at: scanning@datalogic.com
www.scanning.datalogic.com

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