# QUICKSCAN™ I QD2100

## **ODATALOGIC**





#### **MULTI-PURPOSE USES FOR DIFFERENT APPLICATIONS**

The OuickScan reader series is Datalogic's value line of general purpose handheld data collection products. The QuickScan I QD2100 linear imaging reader is an entry level product that is perfect for use in retail and office environments plus activities associated with couriers and postal services.

#### **READING CAPABILITY**

The QD2100 reader is small, lightweight and its ergonomic design is comfortable to use during daily operations. It offers snappy reading performance especially on hard-to-read bar codes and is capable of reading a wide range of symbologies including the majority of 1D codes plus GS1 DataBar™ linear codes. The QD2100 reader features Datalogic's patented 'Green Spot' for good read feedback directly on the code. When in Stand Mode, the Green Spot remains on to show the operator where to position the code for quick and intuitive reading.

### **USER REPLACEABLE WINDOW PACK LOWERS THE COST OF OWNERSHIP**

Like the QuickScan L reader, the QD2100 reader has been designed with durability in mind. One of the most vulnerable features of any scanner is damage to the scan window. When such incidents happen, the scanner may have to be replaced. The QD2100 scanner was specifically designed so that a replacement window pack can be ordered to replace damaged or scratched windows without having to send the scanner away for repairs. This helps to reduce the total cost of ownership during the life of the scanner and helps to ensure that it is always available for use.











#### **FEATURES**

- Datalogic's Green Spot for good read feedback
- User replaceable scan window
- Two multi-interface options support the most popular interface combinations
- Supports GS1 DataBar™ codes
- Remote host download functions (Model
- Water and Particulate Sealing Rating: IP42
- Drop resistance to 1.5 m / 5.0 ft
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

### **INDUSTRY-APPLICATIONS**

- Retail: Point of Sale, Mobile Marketing Capabilities, Age Verification, 2D Bar Codes
- · Commercial Services: Postal, Banks, Public Administration and Utilities
- Access Control, Transportation and Entertainment

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## **ODATALOGIC**

#### **DECODING CAPABILITY**

1D / LINEAR CODES Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. POSTAL CODES STACKED CODES

GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

#### **ELECTRICAL**

CURRENT Operating (Typical): 340 mA @ 5 VDC Standby/Idle (Typical): 190 mA @ 5 VDC INPUT VOLTAGE QD2110: 4 -14 VDC; QD2130: 5 VDC +/- 10%

#### **ENVIRONMENTAL**

AMBIENT LIGHT 100,000 lux DROP RESISTANCE

ESD PROTECTION (AIR DISCHARGE) **HUMIDITY (NON-CONDENSING)** PARTICULATE AND WATER SEALING **TEMPERATURE** 

Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface. 20 kV

5 - 95% IP42

Operating: 0 to 50 °C / 32 to 122 °F

Storage/Transport: -40 to 70 °C / -40 to 158 °F

#### **INTERFACES**

INTERFACES OD2110: RS-232 / IBM 46XX / USB Multi-Interface

QD2130: RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

#### PHYSICAL CHARACTERISTICS

COLORS AVAILABLE Black: White

DIMENSIONS 17.0 x 7.1 x 6.6 cm / 6.7 x 2.8 x 2.6 in WFIGHT

121.9 g / 4.3 oz

#### **READING PERFORMANCE**

LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ RATE (MAXIMUM)

READING ANGLE

**READING INDICATORS** 

RESOLUTION (MAXIMUM)

Red LED 610-650 nm

270 reads/sec.

Pitch: +/- 65°; Roll (Tilt): +/- 45°;

Skew (Yaw):+/-65°

Beeper (Adjustable Tone); Datalogic 'Green Spot'

Good Read Feedback; Good Read LED

0.102 mm / 4 mils

#### **READING RANGES**

TYPICAL DEPTH OF FIELD Minimum distance determined by symbol length

and scan angle

Printing resolution, contrast, and ambient light

dependent.

4 mils: 2.0 to 11.0 cm / 0.8 to 4.3 in 5 mils: 1.5 to 15.0 cm / 0.6 to 6.0 in 7.5 mils: 0.8 to 25.0 cm / 0.3 to 10.0 in 10 mils: 0.8 to 38.0 cm / 0.3 to 15.0 in 13 mils: 1.9 to 45.0 cm / 0.7 to 18.0 in 20 mils: 2.5 to 65.0 cm / 1.0 to 26.0 in

The product meets necessary safety and

Datalogic Aladdin configuration program is

#### **SAFETY & REGULATORY**

AGENCY APPROVALS

regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications. **ENVIRONMENTAL COMPLIANCE** Complies to China RoHS; Complies to EU RoHS IEC 60825-1 Class 1 LED Product

LED CLASSIFICATION

UTILITIES

DATALOGIC ALADDIN™

available for download at no charge. REMOTE HOST DOWNLOAD Lowers service costs and improves operations:

QD2110

#### WARRANTY

WARRANTY

5-Year Factory Warranty

### Mounts/Stands

- 11-0360 Holder, Multi-Purpose, Black
- 11-0362 Holder, Multi-Purpose, Grey
- STD-QD20-BK Gooseneck Stand, Black STD-QD20-WH Gooseneck Stand, White









#### Miscellaneous

11-0318 Replacement Windows, 5-Pack

