# QUICKSCAN™ LITE QW2100

**◆DATALOGIC**

## MULTI-PURPOSE USES FOR DIFFERENT APPLICATIONS

The QuickScan™ Lite QW2100 linear imager is an entry level product created specifically for reading long and truncated bar codes which is common in some areas of the world. It is perfect for use in retail, light manufacturing, document/bill processing and banking/finance environments.

The QW2100 imager is small, lightweight and its ergonomic design is comfortable to use during daily operations. It offers snappy reading performance on most 1D bar codes and features a wide scanning angle with an extended scanning line which is perfect for capturing longer and wider bar codes typically found on utility bills and used by manufacturers of electronic parts. Additionally, the scanning line is thinner and brighter, allowing users to scan at wide angles without having to increase the scanning distance.

The QW2100 imager is available with two interface options: USB or Keyboard Wedge / RS-232 and includes various packaging options so that it can be ordered as a scanner only or as a kit equipped with a scanner, cable and stand to facilitate hands-free reading options.

## VERSATILE STAND

A specially designed stand has been created for the QW2100 imager which is light in weight, collapsible to use as a holder instead of a stand, and also has a 'tiltable head' for various angle settings.

| FEATURES | INDUSTRY-APPLICATIONS |
|---|---|
| ■ Wide scan angle<br>■ Laser-like thinner and extended scan line<br>■ Datalogic's patented 'Green Spot' technology for good-read feedback<br>■ Two interface options: USB or Keyboard Wedge / RS-232<br>■ Built with over molded rubber to protect the imager when dropped<br>■ Compact and multi-position stand<br>■ Water and Particulate Sealing Rating: IP42<br>■ Drop Resistance to 1.5 m / 5.0 ft<br>■ Uses the same cables and power supplies as the current QuickScan products<br>■ Bulk packaging available (10 scanners per box)<br>■ USB Certified Kits available<br>■ EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI | ■ Retail<br>■ Light Manufacturing<br>■ Document / Bill Processing<br>■ Banking / Financial Environments |

GREEN SPOT · DATALOGIC aladdin · GS1 · CERTIFIED USB · DATALOGIC 5 YEAR WARRANTY

**TECHNICAL SPECIFICATIONS**

### DECODING CAPABILITY

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|---|---|
| 1D / LINEAR CODES | Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes |
| POSTAL CODES | Australian Post; British Post; Canadian Post; China Post; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC) |
| STACKED CODES | EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional |

### ELECTRICAL

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| CURRENT | Operating (Typical): 340 mA @ 5 VDC<br>Standby/Idle (Typical): 190 mA @ 5 VDC |
| INPUT VOLTAGE | 5 VDC +/- 0.5 V |

### ENVIRONMENTAL

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| AMBIENT LIGHT | 100,000 lux |
| DROP RESISTANCE | Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface |
| ESD PROTECTION (AIR DISCHARGE) | 16 kV |
| HUMIDITY (NON-CONDENSING) | 5 - 95% |
| PARTICULATE AND WATER SEALING | IP42 |
| TEMPERATURE | Operating: 0 to 50 °C / 32 to 122 °F<br>Storage/Transport: -40 to 70 °C / -40 to 158 °F |

### INTERFACES

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|---|---|
| INTERFACES | QW2170-BK: RS-232 / Keyboard Wedge<br>QW2120-BK: USB |

### PHYSICAL CHARACTERISTICS

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| COLORS AVAILABLE | Black |
| DIMENSIONS | 17.0 x 6.5 x 7.0 cm / 6.7 x 2.5 x 2.7 in |
| WEIGHT | 119.0 g / 4.2 oz |

### READING PERFORMANCE

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| LIGHT SOURCE | Red LED 610-650 nm |
| PRINT CONTRAST RATIO (MINIMUM) | 25% |
| READ RATE (MAXIMUM) | 400 reads/sec. |
| READING ANGLE | Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 70° |
| READING INDICATORS | Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED; Good Transmission |
| RESOLUTION (MAXIMUM) | 0.102 mm / 4 mils (1D Codes) |
| FIELD OF VIEW | 56° +/- 2° |

### READING RANGES

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| TYPICAL DEPTH OF FIELD | Minimum distance determined by symbol length and scan angle.<br>Printing resolution, contrast, and ambient light dependent.<br>5 mils : 2.5 to 15.0 cm / 1.0 to 6.0 in<br>7.5 mils : 0 to 24.0 cm / 0 to 9.4 in<br>10 mils: 0 to 35.0 cm / 0 to 13.8 in<br>13 mils: 0 to 40.0 cm / 0 to 15.7 in<br>20 mils: 0 to 60.0 cm / 0 to 23.6 in |

### SAFETY & REGULATORY

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| AGENCY APPROVALS | The product meets necessary safety and regulatory approvals for its intended use.<br>The Quick Reference Guide for this product can be referred to for a list of certifications. |
| ENVIRONMENTAL COMPLIANCE | Complies to China RoHS; Complies to EU RoHS |

### UTILITIES

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|---|---|
| DATALOGIC ALADDIN™ | Datalogic Aladdin configuration program is available for download at no charge. |
| OPOS / JAVAPOS | JavaPOS Utilities are available for download at no charge.<br>OPOS Utilities are available for download at not charge. |

### WARRANTY

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|---|---|
| WARRANTY | 3-Year Factory Warranty |

**ACCESSORIES**

**Mounts/Stands**
- STD-QW20-BK  Holder/Stand, Black

# BarcodesInc

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## About BarcodesInc

### Who We Are

BarcodesInc is North America's leading provider of •]^&ãæãã^åÆãããædÆÆæææÁ@eèå¸æè^Æ)åÁ[¬ç¸æè^Á[|ˇœ]}•ĚÁUˇ¦Á p¦[å˘&œÁæ]&|˘å^Áææè&[å^Á&æ})^|•ĚÁ[àã^Æ&[{]ˇœ]*Áæ^çæ&^•ĚÆã^}œãæ&æé]}&æèåÁˇˇã]{^}œĚÁ[ã]œĚÆ-Ëœæ^Á •ˆ•œˀ{•Ěæææ&[å^Áæã^|Æ)åÁ^&ã]oÁ|ã]œ^|•Ě)åÁ&[}•ˇ{ææ|^ĚæᅦÁ-Á@&@É@ˀ||Æ&ˇ•œ{^|•Æé]]¦[çˆÁ]¦[å˘&æãˀæãˀÁ æ)åÁ¦[-ææèã¦æãˀËÁUˇ¦Á¦[å˘&ó^é)åÁ[|ˇœ]}Áˀ¢]^|oˀ@æç^Æ)^^}Á^|çã]*Á[œ@Á{æ|Á˘•ã]^••◦^Æ)åÁå^æè*^Æ}c^¦]¦ã^•Á •ã]&^ÆJJIÈ

### We Owe Our Success To You

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## Why Choose BarcodesInc?

### Dedicated Account Management

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

### Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

### Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

### Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the sameÁåæèÈ

### Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

### Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer serviceÁˀ^æᅥÈ

### Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.