



## GENERAL PURPOSE CORDED HANDHELD CONTACT LINEAR IMAGER BAR CODE READER

The Touch™ TD1100 series of linear imaging contact readers represent the Datalogic ADC solution for customers who require a cost-effective solution for close contact bar code reading without sacrificing quality and performance.

Designed for low throughput applications within multiple markets, the Touch TD1100 readers provide the guarantee of contact reading with an excellent reading performance on virtually all linear bar codes, including damaged or poorly printed codes.

Small, lightweight and low on energy consumption, the Touch TD1100 readers continue to provide robustness and a 1.5 m / 5.0 ft drop resistance, which is typically included in a higher range of products.

The Touch readers are available with the option of two different sizes of reading windows: 6.5 cm / 2.6 in (Touch 65) or 9.0 cm / 3.5 in (Touch 90), which benefits the user when reading standard or wide bar codes.

The Touch TD1100 65/90 Pro readers provide a complete all-in-one multi-interface solution, including RS-232, USB, Keyboard Wedge and Wand Emulation, while the Touch 65/90 Lite readers provide USB or RS-232/Keyboard Wedge interfaces.

An innovative 'read-thru' holder provides the Touch TD1100 readers with hands-free reading capability on documents or small items.

Datalogic's Aladdin™ configuration software provides user-friendly features that simplify the start-up procedure, even for inexperienced users.

The Touch series is available in a black model only, however, additional custom color options are available for a minimum order quantity.

## FEATURES

- Wide reading windows: 6.5 cm / 2.6 in and 9.0 cm / 3.5 in
- Excellent reading performance on damaged or poorly printed bar codes
- Interface options: USB or Keyboard Wedge / RS-232 (Touch 65/90 Lite); USB / RS-232 / Keyboard Wedge / Wand Emulation (Touch 65/90 Pro)
- Supports GS1 DataBar™ linear codes
- Compact and innovative 'read-thru' holder for hands-free reading capability
- Drop Resistance to 1.5 m / 5.0 ft



## DECODING CAPABILITY

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| 1D / LINEAR CODES | Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.           |
| STACKED CODES     | GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional |

## ELECTRICAL

|               |                                                                                |
|---------------|--------------------------------------------------------------------------------|
| CURRENT       | Operating (Typical): < 100 mA @ 5 VDC<br>Standby/Idle (Typical): 20 mA @ 5 VDC |
| INPUT VOLTAGE | 5 VDC +/- 0.5 V                                                                |

## ENVIRONMENTAL

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| AMBIENT LIGHT                  | 0 - 20,000 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  | IP30                                                                                   |
| TEMPERATURE                    | Operating: 0 to 50 °C / 32 to 122 °F<br>Storage/Transport: -20 to 70 °C / -4 to 158 °F |

## INTERFACES

|            |                                                                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| INTERFACES | RS-232 / Keyboard Wedge: Touch 65/90 Lite<br>RS-232 / USB / Keyboard Wedge / Wand Emulation Multi-Interface: Touch 65/90 Pro<br>USB: Touch 65/90 Lite |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

## PHYSICAL CHARACTERISTICS

|                  |                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------|
| COLORS AVAILABLE | Black; Other colors and custom logo options are available for minimum quantity purchase.                            |
| DIMENSIONS       | 65 Pro & Lite: 16.0 x 8.4 x 5.8 cm / 6.3 x 3.3 x 2.3 in<br>90 Pro & Lite: 17.0 x 10.4 x 6.7 cm / 6.7 x 4.1 x 2.7 in |
| WEIGHT           | 65 Pro & Lite: 130.0 g / 4.6 oz<br>90 Pro & Lite: 153.0 g / 5.4 oz                                                  |

## READING PERFORMANCE

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| LIGHT SOURCE                   | Illumination: 640 nm LED                                  |
| PRINT CONTRAST RATIO (MINIMUM) | 25%                                                       |
| READ ANGLE                     | Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 70° |
| READING INDICATORS             | Beeper (Adjustable Tone); Good Read LED                   |
| RESOLUTION (MAXIMUM)           | 0.102 mm / 4 mil                                          |

## READING RANGES

|                        |                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPICAL DEPTH OF FIELD | Minimum distance determined by symbol length and scan angle.<br>Printing resolution, contrast, and ambient light dependent.<br>Code 39: 7.5 mils: 0 to 8.1 cm / 0 to 3.2 in<br>Code 39: 10 mils: 0 to 12.0 cm / 0 to 4.7 in<br>EAN13: 13 mils: 0 to 15.0 cm / 0 to 6.0 in |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SAFETY & REGULATORY

|                          |                                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 complete list of certifications. |
| ENVIRONMENTAL COMPLIANCE | Complies to China RoHS; Complies to EU RoHS                                                                                                                                               |

## UTILITIES

|                      |                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| 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 no charge. |
| REMOTE HOST DOWNLOAD | Lowers service costs and improves operations.                                                                         |

## WARRANTY

|          |                         |
|----------|-------------------------|
| WARRANTY | 5-Year Factory Warranty |
|----------|-------------------------|

## ACCESSORIES

### Mounts/Stands

- HLD-T010-65 Desk/Wall Holder for Touch 65
- HLD-T010-90 Desk/Wall Holder for Touch 90

