

# TD1100

**SMG**  
STRATEGIC MOBILITY GROUP

**DATALOGIC**  
EMPOWER YOUR VISION

## A CONTACT READER FOR ID BARCODES

The 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 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.

## ROBUST READER HAS 2 OPTIONS FOR THE READING WINDOW

Small, lightweight and low on energy consumption, the 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 TD1100 readers are available with the option of two different sizes of reading windows: 6.5 cm / 2.6 in (65) or 9.0 cm / 3.5 in (90), which benefits the user when reading standard or wide bar codes.

## MULTI-PURPOSE USES FOR DIFFERENT APPLICATIONS

The 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 65/90 Lite readers provide USB or RS-232/Keyboard Wedge interfaces.

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



## 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 (65/90 Lite); USB / RS-232 / Keyboard Wedge / Wand Emulation (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
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

## INDUSTRY - APPLICATION

- Retail: Non-food specialty stores and Service points
  - 1D coupons on mobile phones
- Public Administration and Services: Libraries, Schools, Governments Agencies
  - Excellent for wide codes on books, documents and bills
- Banking and Finance: Banks, Insurance, Utilities
  - Excellent for wide codes on documents, paper, utility billing

## TD1100

# TECHNICAL SPECIFICATIONS

### DECODING CAPABILITY

<b>1D / Linear Codes</b>	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
<b>Stacked Codes</b>	GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

### ELECTRICAL

<b>Current</b>	Operating (Typical): < 100 mA @ 5 VDC Standby/Idle (Typical): 20 mA @ 5 VDC
<b>Input Voltage</b>	5 VDC +/- 0.5 V

### ENVIRONMENTAL

<b>Ambient Light</b>	0 - 20,000 lux
<b>Drop Resistance</b>	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface
<b>ESD Protection (Air Discharge)</b>	16 kV
<b>Humidity (Non-Condensing)</b>	5 - 95%
<b>Particulate and Water Sealing</b>	IP30
<b>Temperature</b>	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F

### INTERFACES

<b>Interfaces</b>	RS-232 / Keyboard Wedge: 65/90 Lite RS-232 / USB / Keyboard Wedge / Wand Emulation Multi-Interface: 65/90 Pro USB: 65/90 Lite
-------------------	---

### PHYSICAL CHARACTERISTICS

<b>Colors Available</b>	Black; Other colors and custom logo options are available for minimum quantity purchase.
<b>Dimensions</b>	65 Pro & Lite: 16.0 x 8.4 x 5.8 cm / 6.3 x 3.3 x 2.3 in 90 Pro & Lite: 17.0 x 10.4 x 6.7 cm / 6.7 x 4.1 x 2.7 in
<b>Weight</b>	65 Pro & Lite: 130.0 g / 4.6 oz 90 Pro & Lite: 153.0 g / 5.4 oz

### READING PERFORMANCE

<b>Light Source</b>	Illumination: 640 nm LED
<b>Print Contrast Ratio (Minimum)</b>	25%
<b>Reading Angle</b>	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 70°
<b>Reading Indicators</b>	Beeper (Adjustable Tone); Good Read LED
<b>Resolution (Maximum)</b>	0.102 mm / 4 mil

### READING RANGES

<b>Typical Depth of Field</b>	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 7.5 mils: 0 to 8.1 cm / 0 to 3.2 in Code 39: 10 mils: 0 to 12.0 cm / 0 to 4.7 in EAN13: 13 mils: 0 to 15.0 cm / 0 to 6.0 in
-------------------------------	---

### SAFETY & REGULATORY

<b>Agency Approvals</b>	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
<b>Environmental Compliance</b>	Complies to China RoHS; Complies to EU RoHS

### UTILITIES

<b>Datalogic Aladdin™</b>	Datalogic Aladdin configuration program is available for download at no charge.
<b>OPOS / JavaPOS</b>	OPOS and JavaPOS utilities are available for download at no charge.
<b>Remote Host Download</b>	Lowers service costs and improves operations.

### WARRANTY

<b>Warranty</b>	5-Year Factory Warranty
-----------------	-------------------------

#### For more information

[www.strategicmobility.com](http://www.strategicmobility.com)

Strategic Mobility Group  
1201 Wiley Road, Suite 120  
Schaumburg, IL 60173  
855-995-1010 | sales@smg3.com



## ACCESSORIES

### Mounts/Stands



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