

touch 65™  
touch 90™

Contact Readers

**DATALOGIC**

Your Life. Our Enthusiasm™



Hand-Held Readers

## General Description

Datalogic, the main European manufacturer of CCD and Laser bar code readers, offers a wide range of Hand-Held products particularly suited for Document Handling and Retail applications.

The Touch 65/90™ CCD contact readers represent the ideal product whenever a cost-effective solution is required, without compromising reading performance and product quality. Touch 65/90™ provide a complete "all in one" multi-interface solution, including RS232, USB, Wedge and Pen emulation. The interface can be changed by simply substituting the cable and configuring the reader properly. A scan rate of 256 scans/sec guarantees outstanding performance in terms of reading promptness, especially on poorly printed or damaged codes, where several decoding attempts may be required.

Furthermore, the Touch 65/90™ family benefits from PUZZLE SOLVER™, a decoding technique introduced and patented by Datalogic. It allows the readers to collect partial data from successive scans and combine it to obtain complete information, rather than approaching the decoding process as a "one scan" confined operation. This increases "good read" results considerably.

The Touch 65/90™ Pro models also add built-in Data Formatting and Data Editing features that allow the user to shape the collected data according to whatever format is required by the application software.

Among the other new features, Datalogic has introduced Electronic Article Surveillance (EAS) technology to the Touch 65™ Pro EAS model. EAS is a system that helps reduce shoplifting losses, used to identify items as they pass through a gated area by using tags and labels. The Touch 65™ Pro EAS is provided with an integrated EAS antenna and special EAS cable for easy connection and compatibility with EAS Systems, allowing cashiers to scan bar code labels and deactivate EAS tags with one smooth motion.

## Features

- > Scan rate 256 scans/sec
- > USB, RS232, Wedge and Pen in a single model
- > RSS code reading available
- > Enhanced multistandard architecture
- > 65 and 90 mm reading window
- > PUZZLE SOLVER™ decoding system
- > Complete data formatting and data editing (Pro models)
- > EAS dedicated model
- > Sunrise 2005 compliant

## Applications

- > Data collection in commercial and office automation environments
- > Data collection in light industrial environments

## Specifications

### ELECTRICAL CHARACTERISTICS

**POWER SUPPLY** 5 VDC  $\pm$  5%  
Directly from the terminal or PC in USB, Wedge and Pen mode, or via an external PG5 power supply in RS232 mode  
150 mA max.

### CONSUMPTION

### MECHANICAL CHARACTERISTICS

**DIMENSIONS** 164 x 77.5 x 63 mm (all Touch 65™ models)  
175 x 100 x 80 mm (all Touch 90™ models)

**WEIGHT (approx.)** 160 g (all Touch 65™ models)  
195 g (all Touch 90™ models)

**CASE MATERIAL** ABS

**CABLE LENGTH** 2 m (6.6 ft) linear

### PERFORMANCE

**LIGHT SOURCE** Visible red LED

**MAX. RESOLUTION** 0.10 mm / 4 mils (all Touch 65™ models)  
0.13 mm / 5 mils (all Touch 90™ models)

**SCAN RATE** 256 scans/sec

**PRINT CONTRAST RATIO** 15% (min)

**READING FIELD** 63 mm (all Touch 65™ models)  
80 mm (all Touch 90™ models)

**READING DISTANCE** 0 to 50 mm on EAN 13 code MAG1

**READABLE BAR CODES** 2/5 family, Code 39, Code 32, Code CIP 39, Code 128, EAN128, EAN/UPC, ISBN/ISSN, CODABAR, Code 93, ISBT128, MSI, Plessey, Telepen, Delta IBM, Code 11, Code 49, Code 16K, RSS

**READING INDICATORS** LED and adjustable tone "beeper"

**READING MODE** Single or autodiscrimination code

**PROGRAMMING METHOD**  
*Manual* Reading special bar codes  
*Automatic (with RS232)* S/W commands through the serial port  
*Sm@rtSet™* Windows configuration program

**DATA MANAGEMENT**  
Touch 65/90™ Data formatting (Header, Terminator, Code ID, Code Length, etc.);  
Touch 65/90™ Pro Data formatting and data editing (string deletion and insertion, character replacement, code concatenation, etc.)

**INTERFACES** USB, RS232, Wedge, Pen

**UTILITIES** OLEPOS and JAVAPOS can be downloaded free of charge at [www.datalogic.com](http://www.datalogic.com)

### ENVIRONMENT

**AMBIENT LIGHT CONDITIONS** 30,000 lux max. (contact with code surface)

**OPERATING TEMPERATURE** 0 to 55 °C

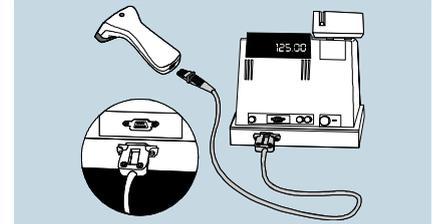
**STORAGE TEMPERATURE** -20 to 70 °C

**HUMIDITY** 90% non condensing

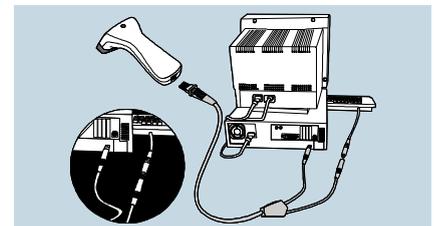
**DROP RESISTANCE** Withstands drops from 1.2 m onto a concrete surface

**ENVIRONMENTAL PROTECTION** IP30

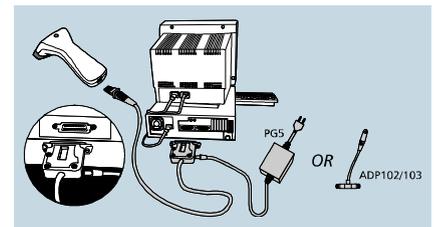
## Connections



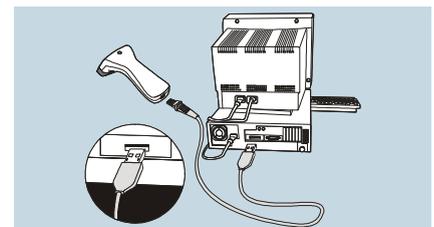
Pen Emulation



Wedge Emulation



RS232



USB

## Accessories



Desk/Wall Holder



Desk Holder

### SPC-Touch 65™ Desk/Wall Holder

The desk/wall holder can be placed on a desk or fixed to wall, providing flexibility of use.

### SPC-Touch 65/90™ Desk Holder

The small size of the Touch 65/90™ desk holder guarantees optimized desk space.