



DLD1000

Wedge and Serial Decoder

Features

- Multistandard mini-decoder
- Enhanced input/output versatility
- Compatible with all common bar code readers
- 25 MHz single chip custom microprocessor
- Advanced decoding libraries
- Decodes the most common bar code symbologies
- Reduced dimensions

Applications

- Data collection in office and point of sale environments such as:
 - Banks
 - Post Offices
 - Insurance Companies
- Data collection in industrial environments:
 - Production Control
 - Goods In/Out

General Description

The **DLD1000** is a decoder designed to connect hand-held bar code readers, such as wands, CCDs, slot readers and laser scanners to different PCs, terminals or hosts in both RS232 and Wedge mode. The decoder has one input port for a single bar code reader, and an output port with plug-in cables for RS232 or wedge connections.

The wedge output allows connection to PC IBM AT, PS2 and compatibles, as well as to IBM terminals 31xx/32xx/34xx/37xx and 3153.

The standard EIA RS232 is available with both 9-pin and 25-pin connectors in order to match the most widespread requirements.

Considering field performance, Datalogic emphasizes the **DLD1000**'s unmatched decoding speed, thanks to the 25 MHz single chip custom microprocessor and the evolved decoding libraries that allow reading of even damaged or out of specification codes.

The decoder can interpret the most widespread bar code symbologies, including EAN128.

Main applications for the **DLD1000** are represented by data capture in OFFICE AUTOMATION, such as: banks, insurance companies, post offices, libraries, hospitals, etc. Particular care has been taken in designing the product, in order to render it pleasant and attractive for the environments where it will be installed. Given the extreme flexibility in both data input (wand, CCD, laser) and output (Wedge, RS232) by simply changing cables, the **DLD1000** represents a step forward in customer care: the mentioned features guarantee stock savings and long-term investment protection, if the final user decides to change his/her peripheral host system or data input mode.

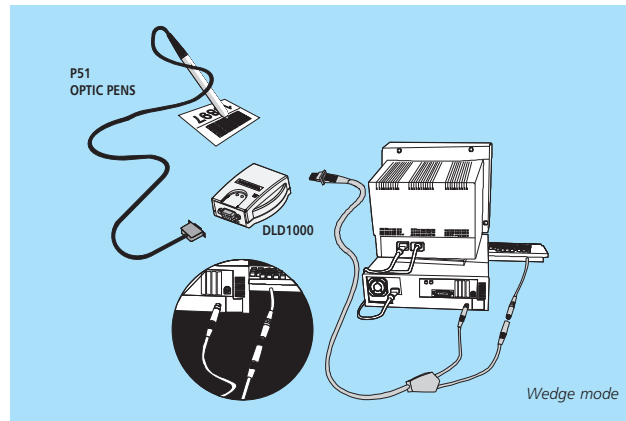
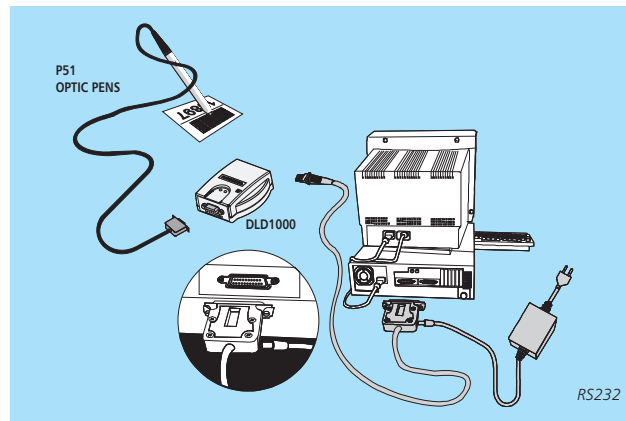
Models and Accessories

TYPE	DESCRIPTION	ORDER NO.
DLD1000	Multistandard mini-decoder	907301000
ACCESSORIES		
CAB320	RS232 cable, 25-pin male connector (DTE configuration)	90G001000
CAB321	IBM PS/2 minidin wedge cable	90G001010
CAB322	IBM AT/XT din wedge cable	90G001020
CAB324	IBM vdt. 31xx, 32xx, 37xx, din 240° wedge cable	90G001040
CAB325	IBM vdt. 3151, 34xx, 8-pin phone connector, wedge cable	90G001050
CAB326	IBM vdt. 3153, 6-pin phone connector wedge cable	90G001060
CAB327	RS232 cable, 9-pin female connector cable, (DCE configuration)	90G001070
CAB328	RS232 cable, 25-pin female connector cable (DCE configuration)	90G001080
ADP102	5P din T-pass adapter	90ACC1030
ADP103	6P minidin T-pass adapter	90ACC1040
Operator's manual	Operator's Manual for Hand-Held Devices	90ACC1130
PG5 (110 Vac)	Power supply unit	B9751038
PG5 (220 Vac)	Power supply unit	B9751037

Specifications

POWER SUPPLY	Directly from terminal or PC, or from external power block (when using readers with high power consumption)
POWER CONSUMPTION	35 mA @ 5 Volts (without readers)
COMPATIBLE READERS	
<i>Optic Pens</i>	P10, P51
<i>Optic Badge readers</i>	F30, SR11
<i>Hand-held "CCD" readers</i>	DL65/80, DLC60XX-M
<i>Hand-held laser scanners</i>	DL910, DL910LR, DLL501X-M
<i>Readers with pen emulation output</i>	
INTERFACES	EIA RS232, Wedge (PC IBM AT/PS2, IBM terminals: 31xx, 32xx, 34xx, 37xx, 3153)
BAUD RATE	110 to 19,200 bauds
INDICATORS	
<i>Good Read</i>	LED and beeper with variable tone and volume
<i>Power on</i>	LED
READABLE BAR CODES	2/5 family, code 39, code 93, code 128, code 32 pharmaceutical, EAN/UPC, Codabar, code 39 C.I.P.
READING MODE	Single code or auto-discrimination (up to 5 codes)
PROGRAMMING METHOD	
<i>Manual</i>	Reading special bar codes
<i>Automatic (with RS232)</i>	S/W commands through the RS232 serial port
DIMENSIONS	68 x 82.5 x 29 mm (2.68 x 3.25 x 1.14 in)
WEIGHT	65 g (2.3 oz)
CASE MATERIAL	ABS
OPERATING TEMPERATURE	0 to 55 °C (32 to 131° F)
STORAGE TEMPERATURE	-20 to 70 °C (-4 to 158 °F)
HUMIDITY	95% non condensing
PROTECTION CLASS	IP30

System Configuration



DATA LOGIC DL

Bar Code & More

We reserve the right to make modifications and improvements

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