



**DLC6165/90-M**  
***Enhanced CCD readers***

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**FIVE YEARS**  
**Warranty**  
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## FEATURES

- *ADVANCED MULTISTANDARD ARCHITECTURE*
- 65 and 88 mm reading window
- Datalogic single chip IHHC (Intelligent Hand-Held Controller)
- Advanced decoding libraries with SFLS (Software Focus Level System)
- EAS electronic labels deactivation capability (DLC6165-M0-EAS)
- Complete data formatting and editing capabilities
- Extensive connectivity
- OLE for POS compliance

## APPLICATIONS

- Data Collection in Retail and Office Automation environments
- Data Collection in Light Industrial environments

## GENERAL DESCRIPTION

Datalogic's CCD contact reader offer expands with the DLC6165/90-M Enhanced CCD Reader. It share a brand new digital architecture which guarantees the most powerful features on the market for readers in its class. In fact, based on a superior decoder unit, this reader is capable of reaching excellent reading performance rates, particularly with damaged or dirty bar codes after a period of extensive use.

The built-in Data Formatting and Data Editing features allow the user to shape the collected data according to whatever format is required by the application.

The connectivity to the Host system is guaranteed by the powerful multistandard decoder, capable of RS232, Pen Emulation and Wedge interfaces, which now characterises all Datalogic's new generation HHR readers. Wedge interfaces have also been further enhanced in this new product to allow connectivity to DEC, Wyse and MAC (ADB Bus). Thanks to their In-Field Update capabilities via serial connection, the DLC6165/90-M also prove to be extremely flexible in all situations where firmware upgrading is required. Last but not least, it is possible to remap the keyboard layout to support any specific need in custom applications and/or geographical markets.

The DLC6165/90-M is a linear CCD Reader available in four different models, depending on the trigger option and on the width of the bar codes that have to be read (65 mm or 90 mm wide).

## MODELS AND ACCESSORIES

### *Models*

- **DLC6165-M0**  
Enhanced CCD reader without trigger (65 mm reading window)
- **DLC6165-M0-EAS**  
Enhanced CCD reader without trigger (65 mm reading window) with EAS (Electronic Article Surveillance) electronic labels deactivation capability
- **DLC6165-M1**  
Enhanced CCD reader with trigger (65 mm reading window)
- **DLC6190-M0**  
Enhanced CCD reader without trigger (88 mm reading window)
- **DLC6190-M1**  
Enhanced CCD reader with trigger (88 mm reading window)

### *Accessories*

- **CAB362**  
RS232 cable, 9-pin female connector (DCE config.), coiled cable
- **CAB363\***  
RS232 cable, 25-pin female connector (DCE config.), coiled cable
- **CAB364\***  
RS232 cable, 25-pin male connector (DTE config.), coiled cable
- **CAB389**  
RS232/Beetle straight cable, 9-pin male connector

- **CAB365**  
IBM PS/2 wedge cable, minidin connector, coiled cable
- **CAB366**  
IBM AT/XT wedge cable, din connector, coiled cable
- **CAB348**  
Pen emulation cable, 9-pin male connector, coiled cable
- **CAB327**  
RS232 cable, 9-pin female connector (DCE config.), straight cable
- **CAB328\***  
RS232 cable, 25-pin female connector (DCE config.), straight cable
- **CAB320\***  
RS232 cable, 25-pin male connector (DTE config.), straight cable
- **CAB392**  
RS232 EAS 25-pin male connector
- **CAB393**  
EAS adapetr for Checkpoint system
- **CAB394**  
RS232 9-pin male to male connector with direct power
- **CAB321\*\***  
IBM PS/2 wedge cable, minidin connector, straight cable
- **CAB322**  
IBM AT/XT wedge cable, din connector, straight cable
- **CAB324**  
IBM vdt. 31xx, 32xx, 37xx wedge cable, din 240° connector, straight cable
- **CAB325**  
IBM vdt. 3151, 34xx wedge cable, 8-pin telephone connector, straight cable
- **CAB326**  
IBM vdt. 3153 wedge cable, 6-pin telephone connector, straight cable
- **CAB323**  
Pen emulation cable, 9-pin male connector, straight cable
- **CAB373**  
WYSE VDT 60/120/160/185/370 wedge cable, 4-pin telephone connector, straight cable
- **CAB374**  
APPLE VDT (ADB-BUS) wedge cable, minidin connector, straight cable
- **CAB375**  
DEC VDT VT200/220/240/300/320/340/420 wedge cable, 4-pin telephone connector, straight cable
- **ADP-102**  
5P din T-pass adapter
- **ADP-103**  
6P minidin T-Pass adapter

- **SPC6065**  
Desk/Wall holder for DLC6165
- **SPC65-90**  
Desk holder for DLC61xx
- **PG5 (110 Vac)**  
Power supply unit
- **PG5 (220 Vac)**  
Power supply unit
- \*Power supply available on pin 9 or 25 of the connector.  
\*\*CAB321 SH1738 (cod. 90A051140) also available for Notebook and IBM SureOne, minidin connector.

## SPECIFICATIONS

- **POWER SUPPLY**  
+5 VDC  $\pm$  5%  
Directly from the terminal or PC in wedge and pen mode, or through an external PG5 power supply in RS232 mode
- **CONSUMPTION**  
150 mA max.
- **LIGHT SOURCE**  
Visible red LED
- **MAX. RESOLUTION**  
0.1 mm (DLC6165-M);  
0.13 mm (DLC6190-M)
- **SCAN RATE**  
100 scans/sec
- **PRINT CONTRAST RATIO**  
PCS = 15%
- **READING FIELD**  
65 mm (DLC6165-M);  
88 mm (DLC6190-M)
- **READING DISTANCE**  
0 to 50 mm on EAN 13 code MAG1
- **DECODER**  
Integrated Multistandard with extended Wedge
- **READING INDICATORS**  
LED and adjustable tone "beeper"
- **READABLE BAR CODES**  
2/5 family, EAN/UPC, Code 39 (plus Code 32 and CIP 39), CODABAR, Code 128, Code 93, CODABLOCK, EAN128, MSI, Plessey, Telepen, Code 16K, Code 49, Code 11, Delta IBM, ISBT 128
- **READING MODE**  
Single or autodiscrimination code

- **PROGRAMMING METHOD**

*Manual:* Reading special bar codes

*Automatic (with RS232):* S/W commands through the RS232 serial port

*WinSET:* Windows configuration program

- **INTERFACES**

RS232, Pen emulation, Wedge (PC IBM XT/AT/PS2, IBM SureOne, Notebook,

IBM terminals: 31xx, 32xx, 34xx, 37xx, 3153, WYSE VDT

60/120/160/185/370, DEC VDT VT200/220/240/300/320/340/420, APPLE

ADB BUS), ALT mode Wedge option for PC/AT and Notebook, keyboard set-up

- **DIMENSIONS**

164 x 77.5 x 63 mm (DLC6165-M);

175 x 100 x 80 mm (DLC6190-M)

- **WEIGHT (approx.)**

160 g (DLC6165-M);

195 g (DLC6190-M)

- **CASE MATERIAL**

ABS

- **CABLE LENGTH**

2 m linear

- **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**

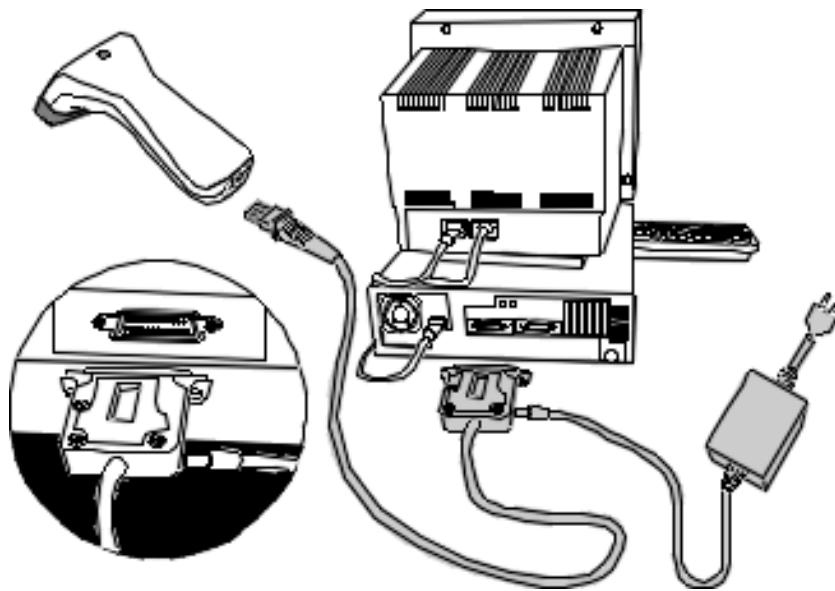
IEC 68-2-32 Test ED

- **ENVIRONMENTAL PROTECTION**

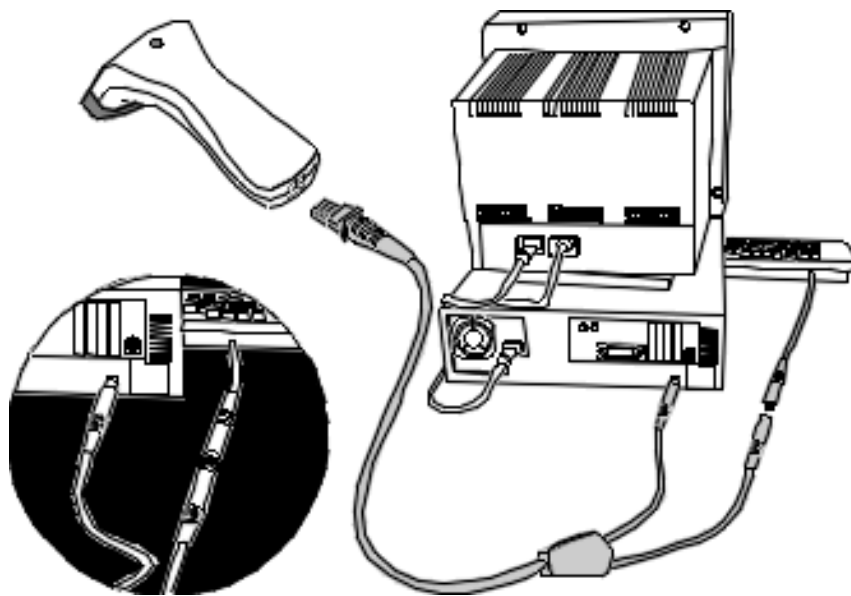
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## CONNECTIONS

### ***RS232 connection***



### ***Wedge Connection***



### ***Pen Emulation Connection***

