

EN FIN DE VIE



# DL65/80

## Hand-Held CCD Readers

### Features

- 65 and 82 mm reading windows
- Exceptional PCS performance
- Fully user programmable
- Lightweight
- Excellent depth of field
- Slim line high impact ABS housing
- Low power consumption

### Applications

- Data Collection in Commercial environments:
  - EPOS
  - Libraries
  - Pharmacies
  - Banks
  - Insurance Companies
  - Rental Companies
- Data Collection in Industrial environments:
  - Work in Progress
  - Production Control
  - Goods in/out

### General Description

The **DL65/80** series combines the latest advances in "CCD" technology and optical components to provide an exceptionally high quality hand-held bar code reader with optimum performance.

The **DL65/80** reliably scans both high and low density codes, even if they are of poor quality and applied to curved or uneven surfaces.

The automatic gain control employed within **DL65/80** compensates for the varying print quality of codes. This allows reading of codes produced from carbon copy paper and codes with contrast levels as low as 0.20 PCS.

The **DL65/80** includes a Wedge interface which may be connected to over 160 different types of PCs and Terminals. The wedge interface uses plug-in cables to match the computer. Therefore, if the computer is changed, only the plug-in cables need to be substituted, not the entire CCD.

All devices are supplied with a bar code configuration manual. Should the factory default settings not match the particular application, the user can customise the **DL65/80** to read and transmit exactly what is required using the configuration manual. These new settings may be saved in non-volatile memory, and the **DL65/80** automatically configures itself to these during every "power on" self check phase.

The two readers differ only in reading aperture. The **DL65** has a 65 mm reading window, while it is 82 mm on the **DL80**. This larger aperture allows the **DL80** to go one step beyond the **DL65** in that not only is it appropriate for retail environments, it is also perfect for other application areas where code length has previously dictated that more expensive laser technology must be employed.

## Models and Accessories

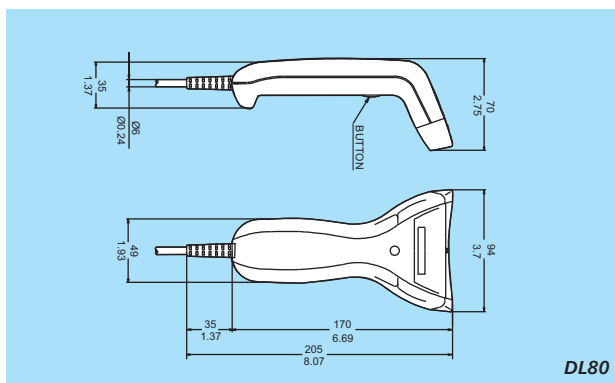
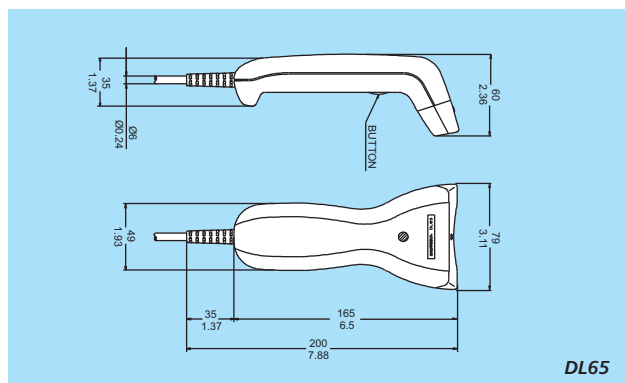
TYPE	DESCRIPTION	ORDER NO.
DL65-60	Lettore "CCD" con finestra di lettura di 65 mm, emulazione tastiera, senza pulsante	B9711812
DL65-61	Lettore "CCD" con finestra di lettura di 65 mm, emulazione tastiera, con pulsante	B9711813
DL80-60	Lettore "CCD" con finestra di lettura di 80 mm, emulazione tastiera, senza pulsante	B9711258
DL80-61	Lettore "CCD" con finestra di lettura di 80 mm, emulazione tastiera, con pulsante	B9711259
<b>ACCESSORI</b>		
SPC-65	Supporto da tavolo/parete in plastica	90J011000
CAB284	Cavo per la duplicazione della programmazione per DL65/80-6x	BF08000284
PG5 (110 Vac)	Alimentatore	B9751038
PG5 (220 Vac)	Alimentatore	B9751037

## Specifications

<b>POWER SUPPLY</b>	Directly from terminal/PC or by using PG5 power supply if terminal/PC is unable to provide the 95 mA needed	<b>READABLE BAR CODES</b>	2/5 family, Code 39, Code 93, Code 128, Code 32, Code 39 CIP, EAN128, EAN/UPC, Codabar, Code 11, Plessey, MSI				
<b>POWER CONSUMPTION</b> (typical values)	<table border="0"> <tr> <td><i>Operating mode</i></td> <td><i>Off mode</i></td> </tr> <tr> <td>DL65-60/61 (DL80-60/61)</td> <td>90 mA (95 mA) 25 mA</td> </tr> </table>	<i>Operating mode</i>	<i>Off mode</i>	DL65-60/61 (DL80-60/61)	90 mA (95 mA) 25 mA	<b>PROGRAMMING METHOD</b>	Reading special programming bar codes Master/slave configuration*
<i>Operating mode</i>	<i>Off mode</i>						
DL65-60/61 (DL80-60/61)	90 mA (95 mA) 25 mA						
<b>SENSOR</b>	Linear CCD array, 2048 pixels	<b>DIMENSIONS</b>	165 x 79 x 60 mm; 6.5 x 3.1 x 2.4 in (DL65) 170 x 94 x 70 mm; 6.7 x 3.7 x 2.8 in (DL80)				
<b>LIGHT SOURCE</b>	Visible red LED (660 nm)	<b>WEIGHT (approx.)</b>	160 g, 5.6 oz (DL65) 170 g, 6 oz (DL80)				
<b>MAX. RESOLUTION</b>	6 mils (0.15 mm)	<b>CASE MATERIAL</b>	ABS				
<b>SCAN RATE</b>	60 scans/sec.	<b>CABLE LENGTH</b>	1.5 m (4.92 ft)				
<b>PRINT CONTRAST RATIO</b>	Min PCS = 20%	<b>AMBIENT LIGHT CONDITIONS</b>	20,000 lux max. (on contact with code)				
<b>MAX. BAR CODE LENGTH</b>	65 mm, 2.56 in (DL65); 82 mm; 3.23 in (DL80)	<b>OPERATING TEMPERATURE</b>	-10 to 45 °C (14 to 113 °F)				
<b>READING DISTANCE</b>	0 to 30 mm, 0 to 1.2 in (DL65) 0 to 25 mm, 0 to 1 in (DL80)	<b>STORAGE TEMPERATURE</b>	-20 to 70 °C (-4 to 158 °F)				
<b>DECODER</b>	Built-in (except DL65/80-00/01)	<b>HUMIDITY</b>	90% non condensing				
<b>"GOOD READ" INDICATORS</b>	LED and adjustable tone "beeper"	<b>SHOCK RESISTANCE</b>	IEC 68-2-27 Test EA				
<b>READING SAFETY</b>	Time selection between one reading and another of the same code up to 9.9 sec.	<b>DROP RESISTANCE</b>	IEC 68-2-32 Test ED				
<b>READING MODE</b>	Single code or auto-discrimination	<b>PROTECTION CLASS</b>	IP30				

\*Using copy cable as listed in Accessories

## Dimensions



**DATA LOGIC DL**  
*Bar Code & More*

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