




DLC6065/90-M

Hand-Held "CCD" Reader

Features

- MULTISTANDARD ARCHITECTURE
- 65 and 88 mm reading window
- Datalogic single chip IHHC (Intelligent Hand-Held Controller)
- 25 MHz microprocessor
- Advanced decoding libraries with SFLS (Software Focus Level System)
- High reading performance
- User friendly set up
- Ergonomic and lightweight design
- OLE for POS compliance 

Applications

- Data Collection in commercial and office automation environments
- Data Collection in light industrial environments

General Description

Datalogic's **DLC6065/90-M** CCD readers were created to fulfill the most common retail and office automation sectors needs by offering excellent reading performance and reliability at a low price. **DLC6065-M** performs retail applications in which codes do not exceed 65 mm in length. Codes up to 90 mm can be read by **DLC6090-M** (available with trigger), which was designed to perform office automation applications where codes longer than 65 mm are often used.

The reading performance, thanks to excellent optics and the Software Focus Level System, is outstanding in terms of reliability on high and low density codes even of poor quality and applied on curved or uneven surfaces.

The 100 scans/sec scan rate is perfectly combined with a new powerful Datalogic decoding unit working at 25 MHz.

Reading aggressiveness is also enhanced by the readers' depth of field, namely from contact up to 5 cm, that allows proximity image acquisition without any risk of mis-reading codes placed very close to each other.

One of the major features of the Datalogic CCD series is represented by the multi-standard interface mounted on a board. Connection to RS232, Wedge and Pen Emulation can be obtained using just one unit, by simply changing the plug-in cables. The main benefits of these features are: stock savings, faster delivery, and, for the end user, long-term investment protection (the peripheral can adapt itself to possible changes in the system).

From a technological point of view, the CCD readers demonstrate unparalleled solutions. One of these is represented by the IHHC (Intelligent Hand-Held Controller), a single custom chip which integrates all the discrete components normally used in these devices. The innovative technology assures extreme reliability (by reducing the number of components, you statistically reduce the risk of failure), and, after having performed the ISO9000 burn procedure and tests, possible break downs due to the electronics circuitry are drastically reduced.

Models and Accessories

PRODUCT	DESCRIPTION	COILED CABLE	STRAIGHT CABLE	ORDER NO.
DLC6065-M0	Hand-Held CCD reader without trigger (65 mm reading window)			904251000
DLC6090-M1	Hand-Held CCD reader with trigger (88 mm reading window)			904251020
ACCESSORIES				
CAB362	RS232 cable, 9-pin female connector (DCE config.)	•		90A051330
CAB363*	RS232 cable, 25-pin female connector (DCE config.)	•		90A051340
CAB364*	RS232 cable, 25-pin male connector (DTE config.)	•		90A051350
CAB365	IBM PS/2 wedge cable, minidin connector	•		90A051360
CAB366	IBM AT/XT wedge cable, din connector	•		90A051370
CAB348	Pen emulation cable, 9-pin male connector	•		90A051210
CAB327	RS232 cable, 9-pin female connector (DCE config.)		•	90G001070
CAB328*	RS232 cable, 25-pin female connector (DCE config.)		•	90G001080
CAB320*	RS232 cable, 25-pin male connector (DTE config.)		•	90G001000
CAB321**	IBM PS/2 wedge cable, minidin connector		•	90G001010
CAB322	IBM AT/XT wedge cable, din connector		•	90G001020
CAB324	IBM vdt. 31xx, 32xx, 37xx wedge cable, din 240° connector		•	90G001040
CAB325	IBM vdt. 3151, 34xx wedge cable, 8-pin telephone connector		•	90G001050
CAB326	IBM vdt. 3153 wedge cable, 6-pin telephone connector		•	90G001060
CAB323	Pen emulation cable, 9-pin male connector		•	90A051030
ADP-102	5P din T-pass adapter			90ACC1030
ADP-103	6P minidin T-Pass adapter			90ACC1040
Operator's Manual	Software manual for Hand-Held Devices			90ACC1560
SPC6065	Desk/Wall holder for DLC6065			90H001000
SPC65-90	Desk holder for DLC6065/90			90ACC1370
PG5 (110 Vac)	Power supply unit			B9751038
PG5 (220 Vac)	Power supply unit			B9751037

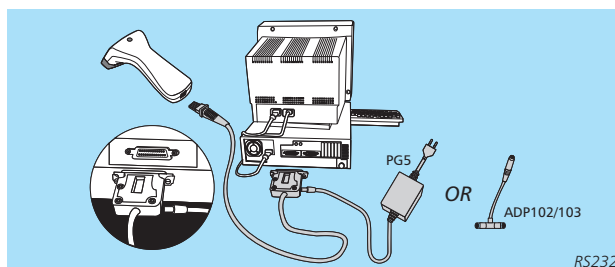
*Power supply available on pin 9 or 25 of the connector

**CAB321 SH1738 (cod. 90A051140) also available for Notebook and IBM SureOne cable, minidin connector

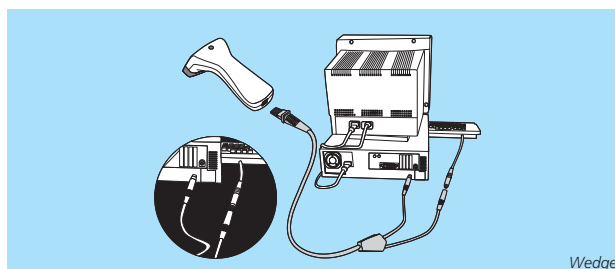
Specifications

POWER SUPPLY	+5 Vdc ± 5% Directly from the terminal or PC in wedge and pen mode, or through an external PG5 power supply in RS232 mode
CONSUMPTION	Typically 80 mA, 150 mA max.
LIGHT SOURCE	Visible red LED
MAX. RESOLUTION	0.1 mm (DLC6065-M) 0.13 mm (DLC6090-M)
SCAN RATE	100 scans/sec
PRINT CONTRAST RATIO	PCS = 15%
READING FIELD	65 mm (DLC6065-M); 88 mm (DLC6090-M)
READING DISTANCE	0 to 50 mm on EAN 13 code MAG1
DECODER	Integrated Multistandard
READING INDICATORS	LED and adjustable tone "beeper"
READING SAFETY	Time selection between each reading of the same code up to 9.9 sec
READABLE BAR CODES	2/5 family, EAN/UPC, Code 39 (plus Code 32 and CIP 39), CODABAR, Code 128, Code 93
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, Wedge (PC IBM XT/AT/PS2, IBM SureOne, Notebook, IBM terminals: 31xx, 32xx, 34xx, 37xx, 3153), pen emulation
DIMENSIONS	164 x 77.5 x 63 mm (DLC6065-M) 175 x 100 x 80 mm (DLC6090-M)
WEIGHT (approx.)	160 g (DLC6065-M) 195 g (DLC6090-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	IP30

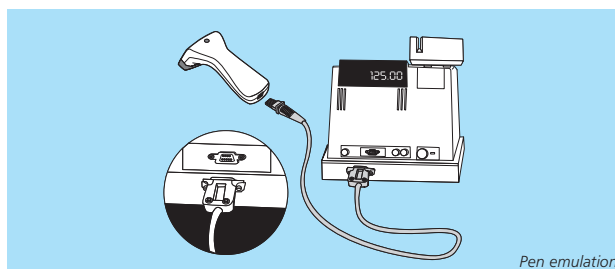
System Configuration



RS232



Wedge



Pen emulation

DATA LOGIC DL

Bar Code & More

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