




DLC6165/90 DLC6265/90-M

Enhanced "CCD" Readers Linear PDF417 CCD Reader

Features

- ENHANCED MULTISTANDARD ARCHITECTURE
- 65 and 88 mm reading window
- Datalogic single chip IHHC (Intelligent Hand-Held Controller)
- **PUZZLE SOLVER™** decoding system
- Complete data formatting and editing capabilities
- Extensive connectivity
- PDF417, Codablock and damaged code reading
- 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 two further products: the **DLC6165/90-M** Enhanced CCD Reader and the **DLC6265/90-M** Linear PDF-417 Reader. They both share a brand new digital architecture which guarantees the most powerful features on the market for readers in their class. 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 HHD readers. Wedge interfaces have also been further enhanced in these new products to allow connectivity to DEC, Wyse and MAC (ADB Bus). But the most significant improvement is the new decoding technique called the **PUZZLE SOLVER™**. This technology does not approach the decoding process as a "one scan" confined operation, but is capable of collecting partial data from successive scans and combines them to obtain complete information, just like putting together pieces in a puzzle to get the entire picture.

Thanks to their In-Field Update capabilities via serial connection, the new readers also prove to be extremely flexible in all situations where firmware upgrading is required. Furthermore, 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 available in four different models, 65 mm or 90 mm wide versions with or without trigger.

The **DLC6265/90-M** PDF Reader, which includes all the features highlighted above, is Datalogic's cost-effective answer to reading PDF417 codes, in addition to all linear bar codes. While this reader collects data, the LED and beeper provide instant feedback to the user, making reading easy and user-friendly.

These high performance CCD readers represent yet another addition to Datalogic's extensive range of Hand-Held Devices.

Models and Accessories

PRODUCT	DESCRIPTION	ORDER NO.
DLC6165-M0	Enhanced CCD reader without trigger (65 mm reading window)	901401000
DLC6165-M1	Enhanced CCD reader with trigger (65 mm reading window)	901401010
DLC6190-M0	Enhanced CCD reader without trigger (88 mm reading window)	901451000
DLC6190-M1	Enhanced CCD reader with trigger (88 mm reading window)	901451010
DLC6265-M1	Linear PDF417 Touch CCD reader with trigger (65 mm reading window)	901501000
DLC6290-M1	Linear PDF417 Touch CCD reader with trigger (88 mm reading window)	901551000
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
CAB350*	RS232 cable, 9-pin female connector (DCE config.)	90A051230
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	90G001030
CAB373	WYSE VDT 60/120/160/185/370 wedge cable, 4-pin telephone connector	90A051470
CAB374	APPLE VDT (ADB-BUS) wedge cable, minidin connector	90A051480
CAB375	DEC VDT VT200/220/240/300/320/340/420 wedge cable, 4-pin telephone connector	90A051490
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	90ACC1710
SPC6065	Desk/Wall holder for DLC6165-M and DLC6265-M	90H001000
SPC65-90	Desk holder for DLC6165/90-M and DLC6265/90-M	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, 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	READING MODE	Single or autodiscrimination code
CONSUMPTION	150 mA max. (DLC61XX); 200 mA max. (DLC62XX)	PROGRAMMING METHOD	Reading special bar codes S/W commands through the RS232 serial port Windows™ configuration program
LIGHT SOURCE	Visible red LED	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 VDT ADB BUS), ALT mode Wedge option for PC/AT and Notebook, keyboard set-up
MAX. RESOLUTION	0.1 mm (DLC6165-M); 0.13 mm (DLC6190-M/DLC6265-M); 0.15 mm (DLC6290-M)	DIMENSIONS	164 x 77.5 x 63 mm (DLC6165-M; DLC6265-M) 175 x 100 x 80 mm (DLC6190-M)
SCAN RATE	100 scans/sec (DLC6165/90-M); 200 scans/sec (DLC6265-M)	WEIGHT (approx.)	160 g (DLC6165-M; DLC6265-M) 195 g (DLC6190-M)
PRINT CONTRAST RATIO	PCS = 15%	CASE MATERIAL	ABS
READING FIELD	65 mm (DLC6165-M/DLC6265-M); 88 mm (DLC6190-M/DLC6290-M)	CABLE LENGTH	2 m linear
READING DISTANCE	0 to 50 mm on EAN 13 code MAG1 (DLC6165/90-M) 0 to 10 mm on PDF417 (DLC6265-M)	AMBIENT LIGHT CONDITIONS	30,000 lux max. (contact with code surface)
DECODER	Integrated Multistandard with extended Wedge	OPERATING TEMPERATURE	0 to 55 °C
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 (PDF417 for DLC6265-M only) (ISBN/ISSN option and code ISBT for SW rel. 2.01 and up)	STORAGE TEMPERATURE	-20 to 70 °C
READING INDICATORS	LED and adjustable tone "beeper"	HUMIDITY	90% non condensing
		DROP RESISTANCE	IEC 68-2-32 Test ED
		ENVIRONMENTAL PROTECTION	IP30

DATA LOGIC DL
Bar Code & More

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