



DLC9030

Hand-Held 2D Reader

Features

- Supports most popular 1D and 2D Codes
- Autodiscrimination of linear and 2D bar codes
- Omni-directional scanning
- Dual Triangular LED aiming
- Cost-effective solution for 2D applications
- Built-in hook option

Applications

- Inventory Management
- Parcel Sortation
- Transportation
- Tracking
- WIP
- Insurance, Healthcare Office Management
- Materials Handling

General Description

Datalogic, the leading European manufacturer of Hand-Held CCD and Laser Readers, further expands its product range with the introduction of a state-of-the-art and powerful "bi-dimensional" reader: the **DLC9030** 2D Reader.

With the **DLC9030** it is possible to read any bar code symbology: all 1D and 2D codes can be promptly decoded, and OCR marks and signatures can be captured. In fact, thanks to a technologically advanced optic sensor, the **DLC9030** is able to capture the whole image of the object to be identified, no matter how it is orientated, thus avoiding any alignment constraint between the reader and the symbol to be read.

The excellent reading performance of the **DLC9030** is assured by a technology which can be considered extremely innovative when applied to the optic part of these kind of readers: for the first time, the "classic" CCD sensor has been replaced by a very sensitive CMOS sensor, which guarantees comparable performance and significantly lower power consumption, providing a very cost-effective solution.

The **DLC9030** 2D reader is suitable for applications in even the most demanding environments. It features a rugged case, no moving parts and high immunity to ambient light conditions.

A built-in hook provides the possibility of hanging the reader when it is not in use. The Dual Triangular LED Pointers with optimum focus distance indicator act as view-finders in order to simplify image capturing.

The **DLC9030** package includes a cable, power supply, user manual and diskette with useful software tools. Connection to the host is guaranteed by an RS232 interface.

Models and Accessories

MODEL	DESCRIPTION	ORDER NO.
DLC9030-S1	2D Reader with RS232 interface (decoded)	901601000
ACCESSORIES		
RS232 cable		included
Power supply		included

Specifications

VOLTAGE	7.5 VDC \pm 10%	IMAGE AND SIGNATURE CAPTURE	640 x 480 (8 bit gray scale) Full, 1/2 views
CURRENT	<200 mA Avg; <400 mA Peak	INTERFACES	RS232
READING FIELD	40° (H) X 30° (V)	<i>DLC9030-S1</i>	
DEPTH OF FIELD	Aiming dual triangular LED pointers with optimum focus distance indicators	SOFTWARE	Single or autodiscrimination mode, Field upgradable, Programmable configuration (bar code or serial command)
<i>1D Codes</i>	7.5 mils (6.3 to 14 cm) 15 mils (5.1 to 22.9 cm)	DIMENSIONS	6.5 x 12.0 x 19.0 cm
<i>2D Codes</i>		WEIGHT	Approx. 270 g
PDF417	10 mils (6.3 to 16.5 cm)	ELECTRICAL SAFETY	Complies to: TÜV; UL &cUL
MaxiCode	32 x 35 mill cell (3.8 to 19.1 cm)	LED SAFETY	IEC-825-1 Comelec ENG60825-1
DataMatrix	15 mill cell (5.1 to 15.2 cm)	EMISSIONS	Complies to: FCC-A; EN 55022-B; AS/NZ 3549; VCCI-B
QR	15 mill cell (5.1 to 15.2 cm)	AMBIENT LIGHT CONDITIONS	0 to 100,000 lux
READING ANGLE		OPERATING TEMP.	0 to 50 °C
<i>Skew</i>	\pm 35°	STORAGE TEMP.	-40 to 70 °C
<i>Pitch</i>	\pm 35°	HUMIDITY	0 to 95% non condensing
<i>Tilt</i>	360°	SHOCK RESISTANCE	Withstands drops from 1.8 m onto a concrete surface
SENSOR	640 X 480 Element, 2D CMOS Array		
BAR CODES			
<i>1D Codes</i>	2/5 Interleaved, Code 39, Code 128, Code 93, UPC / EAN / JAN, Codabar		
<i>2D Codes</i>	PDF417, MaxiCode, DataMatrix, QR		

DATA LOGIC DL
Bar Code & More

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We reserve the right to make modifications and improvements

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Datalogic Quality Partner



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