



DLL5110-M

Hand-Held Laser Scanner

Features

- MULTISTANDARD ARCHITECTURE
- Gun Shape
- Wide range of applications
- Best Value scanner in its class
- Industrial durability
- Ergonomy for great user comfort
- Reading aggressiveness
- Hands free stand
- OLE for POS compliance 

Applications

- Data Collection in Retail and Office Automation environments
 - EPOS (Electronic Point of Sale)
 - Libraries
 - Banks
 - Insurance Companies
- Data Collection in Light Industrial environments
 - Work in Progress
 - Production control
- Warehouse management
 - Shipping and receiving
 - Inventory
 - Picking
- Logistics
 - Transportation

General Description

Rugged and extremely reliable, the **DLL5110-M** laser gun combines the performance of a laser reader with the easy and intuitive operability of a gun, and represents the best value solution in its class. The **DLL5110-M** further increases Datalogic's offer for Retail and Light Industrial/Logistics sectors.

Excellent performance and durability at an affordable price to boost productivity and optimise investment returns: these are the key product features that provide answers to customer requirements. The best laser technology, combined with an unmatched decoding software, assures the highest first-pass read rates in very difficult light conditions, as well as the reading of out of specification, low contrast and poor edge definition codes.

The lightweight soft-touch trigger, clearly audible beepers and visible good read LED minimise operator fatigue and stress during peak working hours. Moreover, thanks to the safety time set up, the continuous press/release trigger operation during quick sequential item scanning can be avoided and substituted by the "keep-pressed" operation.

Shock absorbers for the optics, rubber shield cushions, strong plastic enclosures, and high tear, stretch resistant polyurethane cables, guarantee outstanding value for the product's price.

Host connectivity is assured by the Multistandard Decoder and cables common to all Datalogic's new generation of hand-held readers.

Durability and reliability are key factors for our customers. Datalogic offers industrial high quality and consistent reliability in all its products, thanks to its experience and know-how in the industrial field.

Models and Accessories

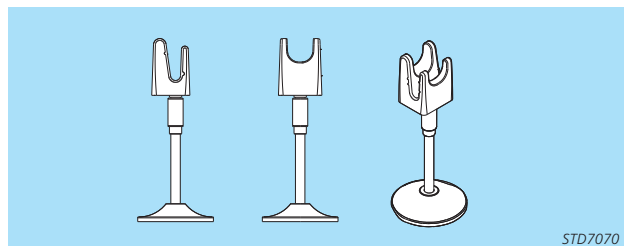
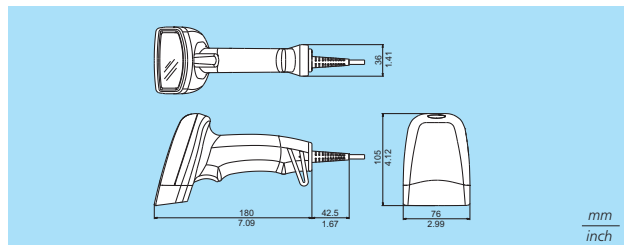
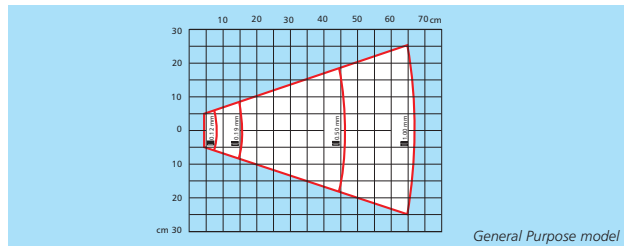
| PRODUCT | DESCRIPTION | ORDER NO. | |
|-------------------|---|----------------|-----------|
| DLL5110-M1 | General purpose scanning engine with push button, multistandard decoder | 902251000 | |
| ACCESSORIES | COILED CABLE | STRAIGHT CABLE | |
| CAB362 | RS232 cable, 9-pin female connector (DCE config.) | • | 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 |
| Operator's Manual | Software manual for Hand-Held Devices | | 90ACC1710 |
| STD7070 | Retail stand | | 90ACC1450 |
| SPC7070 | Wall holder | | 90ACC1710 |
| PG5 (110 Vac) | Power supply unit | | 89751038 |
| PG5 (220 Vac) | Power supply unit | | 89751037 |

*Power supply available on pin 9 or 25 of the converter
 **CAB321 SH1738 (cod. 90A051140) also available for Notebook and IBM SureOne, minidin connector

Specifications

| | |
|-------------------------------|--|
| POWER SUPPLY | 5 VDC ±10 % |
| CONSUMPTION | 100 mA @ 5 VDC, 140 mA max. |
| LIGHT SOURCE | Laser diode at 670 nm |
| MAX. RESOLUTION | 0.12 mm, 5 mils |
| SCAN RATE | 36 (±3) scans/sec. |
| MIN. PRINT CONTRAST RATIO | PCS = 15% |
| READING FIELD | See diagram |
| READING ANGLE | |
| Skew | ±60° |
| Pitch | 5 to 55°, -5 to -55° |
| Tilt | ±20° |
| READING INDICATORS | LED and adjustable tone "beeper" |
| READABLE BAR CODES | 2/5 family, Code 39 (plus Code 32, Cip 39), EAN/UPC, Code 128, EAN 128, Code 93, CODABAR |
| 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 AT/PS2, IBM SURE ONE, IBM terminals: 31xx, 32xx, 34xx, 37xx, 3153), pen emulation |
| DIMENSIONS (without cable) | 180 x 105 x 76 mm (7.09 x 4.12 x 2.99 in) |
| WEIGHT (approx.) | 180 g (6.35 oz.) |
| CASE MATERIAL | ABS |
| CABLE LENGTH | 2 m (6.1 ft.) linear or coiled |
| LASER CLASSIFICATION | Class 2 (IEC 825-1 and CDRH) |
| AMBIENT LIGHT CONDITIONS | Immune to light exposure in offices and facilities, and direct exposure to sunlight |
| OPERATING TEMPERATURE | 0 to 40 °C (32 to 104 °F) |
| STORAGE TEMPERATURE | -20 to 60 °C (-4 to 140 °F) |
| HUMIDITY | 90% non condensing |
| DROP RESISTANCE | IEC 68-2-32 Test ED; withstands repeated drops from 1.5 m onto a concrete surface |
| ENVIRONMENTAL PROTECTION IP30 | |

Reading Diagrams



DATA LOGIC DL

Bar Code & More



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We reserve the right to make modifications and improvements

Australia
 Datalogic PTY LTD.
 Tel. +61 3/95589299
 Fax +61 3/95589233
 sales@datalogic.com.au

Austria
 Datalogic Handelges MBH
 Tel. +43 2236/258820
 Fax +43 2236/258825
 office@datalogic.co.at

Denmark
 Datalogic AB
 Tel. +45 44/209970
 Fax +45 44/209972
 info@datalogic.se

France
 Datalogic France S.A.
 Tel. +33 1/60921111
 Fax +33 1/60921340
 dlfrance@worldnet.fr

Germany
 Datalogic GmbH
 Tel. +49 7026/6080
 Fax +49 7026/5746
 info@datalogic.de

Italy
 Datalogic S.p.A.
 Tel. +39 051/6459300
 Fax +39 051/726562
 venditeitalia@datalogic.it

Japan
 Izumi Datalogic Co., Ltd.
 Tel. +81 78/2723400
 Fax +81 78/2722003
 idlmarke@izumi-datalogic.co.jp

Netherlands
 Datalogic Optic Electronics BV
 Tel. +31 346/572888
 Fax +31 346/568736
 info@datalogic.nl

Spain
 Datalogic France S.A.
 Tel. +34 93/3221227
 Fax +34 93/4394136
 datalogic@sei.es

Sweden
 Datalogic AB
 Tel. +46 40/385000
 Fax +46 40/385001
 info@datalogic.se

United Kingdom
 Datalogic UK Ltd.
 Tel. +44 1582/464900
 Fax +44 1582/464999
 enquires@datalogic.demon.co.uk

U.S.A.
 Datalogic Inc.
 Tel. +1 606/6897000
 Fax +1 606/3344970
 info@datalogic.com

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