

SCANTECH ID

LIBRA L-7080i

On-Counter Presentation Area Imager Bar Code Scanner



Introduction

The LIBRA L-7080i is an omni-directional presentation area imager bar code scanner, it uses digital imaging technology to provide intuitive and blazing reading of 1D and 2D bar codes without sacrificing scanning quality or performance. The L-7080i reader provides great performance and reliability along with a rich feature set to provide excellent value in virtually any desktop presentation bar code scanning system. With the L-7080i, not only can identify product pricing barcode label, furthermore, it is able to scan virtually mobile bar code on various types of display to enhance service levels.

When space is limited but high performance is required, its compact size and footprint make it the ideal solution for space-constrained environments. Its precise imaging scan volume is perfect for hands-free scanning in confined spaces and helps reduce accidental misreads of items, improving productivity and customer satisfaction.

The L-7080i reader includes a powerful configuration tool which allows easy integration into existing or new host systems, allows management to manage maintenance.

LIBRA L-7080i

Features

- Read the most common 1D, 2D, composite and stacked codes, reduce your investment cost.
- Boost customer services with good ability to scan virtually mobile bar code on various types of display.
- With the most compact footprint can fit in the most space constrained areas.
- IP42 rugged design withstands vibrations and shock for extended use in tough environments.
- Best cost-effective investment.
- With internal RF antenna which could connect with EAS deactivation system for deactivation purpose.

Specifications

Electrical (Power Consumptions)

| | |
|-----------------|--------------------------|
| Rush Power | DC +5 V, 500mA (typical) |
| Operating Power | DC +5 V, 270mA (typical) |
| Standby Power | DC +5 V, 250mA (typical) |

Scanner Characteristics

| | |
|----------------|---|
| Light source | Visible red LED 625nm± 5 nm |
| Depth of field | 300mm@20mil/0.5mm, Code 39 |
| View of field | 40° horizontal, 25° vertical |
| Frame rate | 60 fps in full frame / 120 fps in 1D emulation |
| Indicator | Beep and LED (Stand by - Blue, Good read - Orange) |

Physical Characteristics

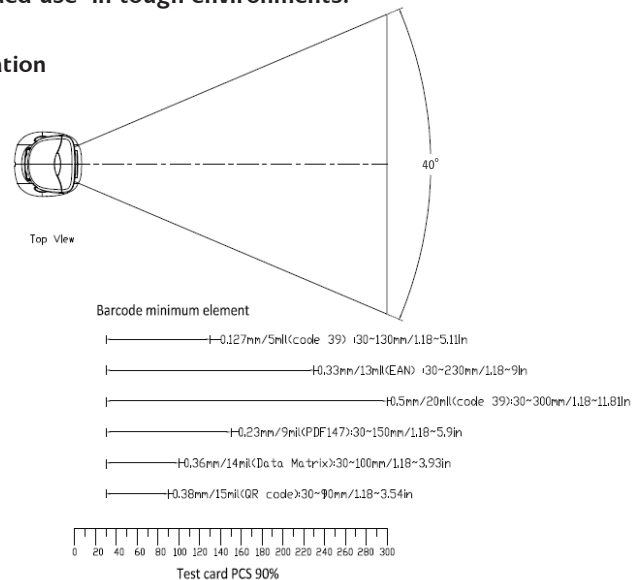
| | |
|--------|--|
| Depth | 97.71mm / 3.84 inch |
| Width | 85 mm / 3.35 inch (scanner), 94 mm / 3.70 inch (base) |
| Height | 161.51 mm / 6.36 inch |
| Weight | 325 g / 12.425oz |
| Color | Black (Scanner+Base) or Black / Dark Gray (Base) |

| | |
|------------------------|----------------------------------|
| Ambient Light Immunity | 100 000 lux |
| Operating Temperature | 0°C ~ 40°C (32°F ~ 104°F) |
| Storage Temperature | -20°C ~ 60°C (-4°F ~ 140°F) |
| Humidity | 5% ~ 95% RH (non-condensing dew) |

Safety

| | |
|-------------------|------------------|
| Electrical Safety | EN 60950-1: 2001 |
|-------------------|------------------|

CE/FCC



EM Compatibility

| | |
|---------------------------|---|
| Radio and TV Interference | EN 55024/22, FCC Part 15 class B, CNS 13438 |
|---------------------------|---|

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|--------------------------------|------------------|
| Electro Static Discharge (ESD) | IEC 801-2 (1991) |
|--------------------------------|------------------|

Barcode types

1D:

UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN-13 plus supplementals, ISBN, ISSN, Coupon Code), Code 39, Code 32, Code 128 (Standard, Full ASCII, UCC/EAN-128,ISBT-128 Concatenated), Code 93, Codabar/NW7, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA , Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar (Omni-directional, Truncated, Stacked, Stacked Omni-directional, Limited, Expanded, Expanded Stacked), U.S. Postnet and Planet, U.K. Post, Japan Post, Australian Post, Netherlands KIX Code, Royal Mail 4 State Customer, UPU FICS 4 State Postal, USPS 4CB

2D:

PDF417 (Standard, Macro), MicroPDF417 (Standard, Macro), Composite Codes (CC-A, CC-B, CC-C) TL C-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)

CE, FCC and RoHs compliant

Due to Champtek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.