

L-46R

Barcode Laser Scanner

HIGHLIGHTS

Autotrigger
Moving object scanner
Interchangeable cables



L-46R

Basic product specifications

OPERATING INDICATORS

CPU: 32-bit AISC, 96 MHz **VISUAL:** Red laser diode **NON-VISUAL:** Buzzer, Vibrator

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

RS232: D-SUB9 pin (with external power supply) **USB:** Ver. 2.0, HID/COM, USB-A connector

POWER

VOLTAGE REQUIREMENT: 5V **CURRENT CONSUMPTION:** 155mA

BARCODE SCANNER OPTICS

LIGHT SOURCE: red laser, 645 - 664 nm **SCAN METHOD:** 650 nm red laser diode, bi-directional scanning **SCAN RATE:** 100 scans/sec **TRIGGER MODE:** Manual, auto-trigger stand detection **READING PITCH ANGLE:** -35 to 0°, 0 to +35° **READING SKEW ANGLE:** -50 to 0°, 0 to +50° **READING TILT ANGLE:** -20 to 0°, 0 to +20° **CURVATURE:** R>15 mm (EAN8), R>20 mm (EAN13) **MIN. RESOLUTION AT PCS 0.9:** 0.076 mm **MIN. PCS VALUE:** 0.2 **DEPTH OF FIELD:** 20 - 895 mm / 0.79 - 35.24 in (1 / 39 mil), 0 - 495 mm / 0 - 19.49 in (0.5 mm / 20 mil), 0 - 300 mm / 0 - 11.81 in (0.33 mm - / 15 mil), 5 - 200 mm / 0.2 - 7.87 in (0.25 mm / 9.84 mil), 5 - 90 mm / 0.2 - 3.54 in (0.15 mm / 6 mil), 10 - 60 mm / 0.39 - 2.36 in (0.127 mm / 5 mil)

SUPPORTED SYMBOLOGIES

UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, Code 39, NW-7 (Codabar), Industrial 2 of 5, Interleaved 2 of 5, Code 93, Code 128, GS1-128, MSI/Plessey, Matrix 2of5, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, PDF417, MicroPDF417

DURABILITY

TEMPERATURE IN OPERATION: -5 to 50 °C / 23 to 122 °F **TEMPERATURE IN STORAGE:** -30 to 60 °C / -22 to 140 °F **HUMIDITY IN OPERATION:** 5 - 90% (non-condensing) **HUMIDITY IN STORAGE:** 5 - 90% (non-condensing) **AMBIENT LIGHT IMMUNITY:** Fluorescent 4,000 lx, Direct sun 80,000 lx **DROP TEST:** 1.8 m / 6 ft drop onto concrete surface **VIBRATION TEST:** 10 - 100 Hz with 2G for 1 hour **PROTECTION RATE:** IP 42

PHYSICAL

DIMENSIONS SCANNER (W X H X D): 105.4 x 153.4 x 60 mm / 4.15 x 6.04 x 2.36 in **WEIGHT BODY:** Ca. 112 g / 3.9 oz (excl. cable) **DIMENSIONS STAND (W X H X D):** 53 x 112 x 73 mm / 2.09 x 4.41 x 2.87 in **WEIGHT BODY:** Ca. 365 g / 12.9 oz **CASE:** Black or White

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI Class B, RoHS, IEC/EN 60825-1:2014, JIS C 6802:2014, CDRH Class II, EN55032, EN61000

ENCLOSED ITEMS

Power supply 5V/2A (for RS232), Stand

MODELS

INTERFACE VERSIONS: RS232, USB

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