

DCL-1530

Barcode Laser Scanner

HIGHLIGHTS

Lightweight design

Graphic display

IrDA

USB

IP 54



DCL-1530

Basic product specifications

OPERATION

CPU: 16-bit **O/S:** Proprietary **SOFTWARE:** Programmable in C-language. Ansi-C Cross compiler obtainable. Software development kit free downloadable **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

MEMORY

FLASHROM: 512 kB **RAM:** 512 kB

DISPLAY

TYPE: Graphic LCD with backlight **SIZE:** 112 x 64 pixels **MODE:** Landscape / 180° rotation **FONT SIZE:** 6x6 / 6x12 / 8x8 / 8x16 dots

OPERATING INDICATORS

VISUAL: 1 LED (red/green/orange) **NON-VISUAL:** Buzzer

OPERATING KEYS

ENTRY OPTIONS: 3 keys total, 2 function keys, 1 scan key

COMMUNICATION

USB: MiniUSB, Ver. 1.1, VCP, USB-A connector **IRDA:** Ver. 1.2, baudrate 9600 bps - 115.2 kbps

POWER

DRY CELL BATTERY: 2 x AAA, 1200mAh **BACKUP BATTERY:** Lithium rechargeable 3.5mAh **OPERATING TIME:** Ca. 38 days (1 scan / 5 sec with 2 sec laserbeam on and 4 sec backlight on) **DATA RETENTION TIME:** Ca. 72 hours **CHARGING METHOD:** Enclosed USB cable, separate cradle CRD1531

BARCODE SCANNER OPTICS

LIGHT SOURCE: 650 nm visible laser diode **SCAN METHOD:** Vibrating mirror **SCAN RATE:** 100 scans/sec **READING PITCH ANGLE:** -25 to 0°, 0 to +25° **READING SKEW ANGLE:** -50 to -8°, +8 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:** 0.15 mm / 6 mil **MIN. PCS VALUE:** 0.45 **DEPTH OF FIELD:** At PCS 0.9, Code 39, 60 - 300 mm / 2.36 - 11.81 in (1.0 mm / 39 mil), 35 - 210 mm / 1.38 - 8.27 in (0.5 mm / 20 mil), 35 - 120 mm / 1.38 - 4.72 in (0.25 mm / 10 mil), 35 - 70 mm / 1.38 - 2.76 in (0.15 mm / 6 mil)

SUPPORTED SYMBOLOGIES

BARCODE (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey **POSTAL CODE:** Chinese Post, Korean Postal Authority code **2D CODE:** Composite Codes, MicroPDF417, PDF417

DURABILITY

TEMPERATURE IN OPERATION: 0 to 40 °C / 32 to 104 °F **TEMPERATURE IN STORAGE:** -20 to 60 °C / -4 to 140 °F **HUMIDITY IN OPERATION:** 25 - 85% (non-condensing) **HUMIDITY IN STORAGE:** 20 - 90% (non-condensing) **AMBIENT LIGHT IMMUNITY:** Fluorescent 3,000 lx max, Direct sun 50,000 lx max **DROP TEST:** 1.5 m / 5 ft drop onto concrete surface **VIBRATION TEST:** 12 - 100 Hz with 2G for 1 hour **PROTECTION RATE:** IP 54

PHYSICAL

DIMENSIONS (W X H X D): 44 x 129 x 25 mm / 1.73 x 5.08 x 0.98 in **WEIGHT**

BODY: Ca. 105 g / 3.7 oz (incl. battery) **CASE:** ABS, Lilacgrey

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS, JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II

ENCLOSED ITEMS

2 x AAA batteries, USB cable, Wrist strap

SOLD SEPARATELY

CRD-1531 CRADLE: Modem communication, DCL-1500 Nylon case with swivel clip & window, DCL-1500 Nylon case with swivel clip, DCL-1500 Nylon case with fixed clip

