

OPL-9725 OSE

Barcode Laser Scanner

HIGHLIGHTS

Barcode laser scanner

Lightweight design

1.5 m drop proof

IrDA

IP 54



OPL-9725 OSE

Basic product specifications

OPERATION

CPU: 32-bit **O/S:** Proprietary **SOFTWARE:** 4 applications available (also programmable in C-language. Free software development kit with free RX compiler) **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

MEMORY

FLASHROM: 512 kB **RAM:** 96 kB

OPERATING INDICATORS

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

OPERATING KEYS

ENTRY OPTIONS: 1 key total, 1 scan key

COMMUNICATION

IRDA: Ver. 1.2, baudrate 2400 bps - 115.2 kbps

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 600mAh **BACKUP BATTERY:** Lithium rechargeable 3.5mAh **OPERATING TIME:** Ca. 200 hours (1 scan / 5 sec with 1 sec laserbeam on, 0.2 sec green LED on, 0.2 sec buzzer on) **DATA RETENTION TIME:** 15 years (data) **CHARGING METHOD:** Separate cradle CRD-9723RU (single cradle), CRD-9723RU5 (multi-cradle)

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:** -40 to -8°, +8 to +40° **READING TILT ANGLE:** -20 to 0°, 0 to +20° **CURVATURE:** R>15 mm (EAN8), R>20 mm (EAN13) **MIN. PCS VALUE:** 0.45 **DEPTH OF FIELD:** At PCS 0.9 UPC, 80 - 300 mm / 3.15 - 11.81 in (1.0 mm / 39 mil), 60 - 250 mm / 2.36 - 9.84 in (0.5 mm / 20 mil), 60 - 200 mm / 2.36 - 7.87 in (0.25 mm / 10 mil), 60 - 130 mm / 2.36 - 5.12 in (0.15 mm / 6 mil), 60 - 110 mm / 2.36 - 4.33 in (0.127 mm / 5 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

DURABILITY

TEMPERATURE IN OPERATION: -5 to 40 °C / 23 to 104 °F **TEMPERATURE IN STORAGE:** -20 to 60 °C / -4 to 140 °F **HUMIDITY IN OPERATION:** 20 - 80% (non-condensing) **HUMIDITY IN STORAGE:** 20 - 90% (non-condensing) **AMBIENT LIGHT IMMUNITY:** White 3,000 lx max, 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 125 x 19 mm / 1.73 x 4.92 x 0.75 in **WEIGHT BODY:** Ca. 85 g / 3 oz (incl. battery) **CASE:** ABS, Lilacgrey

REGULATORY & SAFETY

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

ENCLOSED ITEMS

Wrist strap

SOLD SEPARATELY

Rechargeable battery **CRD-9723RU CRADLE:** Serial communication, charging **CRD-9723RU5 CRADLE:** Multi-cradle, 5x communication, 5x charging, **OPL-9700 NYLON CASE WITH SWIVEL CLIP & WINDOW, OPL-9700 NYLON CASE WITH SWIVEL CLIP, OPL-9700 NYLON CASE WITH FIXED CLIP**

