OPH1005 Barcode laser scanner



HIGHLIGHTS

TFT LCD QVGA color display

2", 320 x 240 pixels

(alpha)numeric keypad

IP 54

1,5 m drop proof

OPTICON

OPH1005

> BASIC PRODUCT SPECIFICATIONS

OPERATION

CPU: RX62N 32-bit MCU O/S: Proprietary SOFTWARE: Programmable in C-language. Software development kit with compiler free downloadable RTC: Supports year, month, day, hour, minute, second (leap year supported)

MEMORY

NAND FLASH: 128 MB FLASHROM: 4 MB RAM: 4 MB SRAM

DISPLAY

TYPE: TFT LCD QVGA color display with backlight SIZE: 2", 320 x 240 pixels FONT SIZE: 6x6 / 6x12 / 8x8 / 8x16 / 8x19 / 11x19 / 12x24 dots / 16x32

OPERATING INDICATORS

VISUAL: Dual-color LED (red/green) NON-VISUAL: Buzzer

OPERATING KEYS

ENTRY OPTIONS: 23 keys total, 12 key (alpha)numeric keypad, 2 navigation keys, 4 function keys, 3 control keys, 1 power key, 1 scan key

COMMUNICATION

IRDA: Ver. 1.2, baudrate 1200 bps - 115.2 kbps

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 1100mAh OPERATING TIME: Ca. 40 hours (backlight off, 1 scan / 10 sec) DATA RETENTION TIME: 24 hours CHARGING METHOD: Separate cradle CRD1001, CRD1002, CRD1003, CRD1004

BARCODE SCANNER OPTICS

LIGHT SOURCE: 650 nm visible laser diode SCAN METHOD: Vibrating mirror SCAN RATE: 100 scans/sec READING PITCH ANGLE: -35 to 0°, 0 to +35° READING SKEW ANGLE: -50 to -8°, +8 to +50° READING TILT ANGLE: -20° to 0°, 0 to +20° CURVATURE: R>15 (EAN8), R>20 (EAN13) MIN. PCS VALUE: 0.45 DEPTH OF FIELD: At PCS 0.9, Code 39, 70 - 450 mm / 2.76 - 17.72 in (1.0 mm / 39 mil), 50 - 320 mm / 1.97 - 12.60 in (0.5 mm / 20 mil), 50 - 200 mm / 1.97 - 7.87 in (0.25 mm / 10 mil), 55 - 120 mm / 2.17 - 4.72 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-ISMN-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: -10 to 50°C / 14 to 122°F TEMPERATURE IN STORAGE: -20 to 60°C / -4 to 140°F HUMIDITY IN OPERATION: 20 - 85% (non-condensing) HUMIDITY IN STORAGE: 20 - 85% (non-condensing) AMBIENT LIGHT IMMUNITY: White 4,000 lx max, Fluorescent 4,000 lx max, Direct sun 80,000 lx max DROP TEST: 1.5 m / 5 ft drop onto concrete surface PROTECTION RATE: IP 54

PHYSICAL

DIMENSIONS (W X H X D): 55 x 136 x 23 mm / 2.17 x 5.35 x 0.91 in WEIGHT BODY: Ca. 140 g / 4.9 oz (incl. Lithium-Ion battery) CASE: ABS, Black

REGULATORY & SAFETY

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

ENCLOSED ITEMS

Hand strap

SOLD SEPARATELY

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 1100mAh CRD1001 CRADLE: Serial, communication, charging CRD1002 CRADLE: Modem communication, charging CRD1003 CRADLE: GSM/GPRS communication, charging CRD1004 CRADLE: Ethernet, communication, charging

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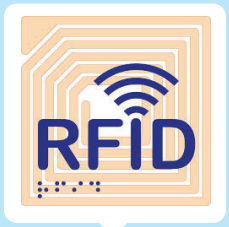
Barcode readers



Data terminals & PDA



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Consumables
(labels, ribbons, PVC cards)

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