OPH3000



HIGHLIGHTS

2" TFT LCD QVGA color display

(alpha)numeric keypad

Lightweight design

IP 54

1,5 m drop proof



OPH3000

> 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

FLASHROM: 4 MB SDRAM: 4 MB NAND FLASH: 128 MB

DISPLAY

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

OPERATING INDICATORS

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

OPERATING KEYS

ENTRY OPTIONS: 22 keys total, 12 key (alpha)numeric keypad, 4 navigation keys, 3 function keys, 1 control key, 1 power key, 1 scan key

COMMUNICATION

USB: Mini USB, Ver. 2.0, VCP IRDA: Ver. 1.2, baudrate 1200 bps - 115.2 kbps

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 1100mAh BACKUP BATTERY: Lithium (CR2032) OPERATING TIME: Ca. 40 hours (backlight off, 1 scan / 10 sec) DATA RETENTION TIME: 24 hours CHARGING METHOD: Enclosed USB cable

BARCODE SCANNER OPTICS

LIGHT SOURCE: 650 nm visible laser diode 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. resolution at PCS 0.9: 0.15 mm / 6 mil DEPTH OF FIELD: At PCS 0.9, 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-ISMN-ISSN, Matrix 2of5, MSI/Plessey-UK/Plessey, S-Code, Telepen, Tri-Optic POSTAL CODE: Chinese Post, Korean Postal Authority code 2D CODE: GS1 Composite codes

DURABILITY

TEMPERATURE IN OPERATION: -10 to 50 °C / 14 to 122 °F TEMPERATURE IN STORAGE: -20 to 60 °C / -4 to 140 °F CHARGING TEMPERATURE: 0 to 40 °C (32 to 104 °F) HUMIDITY IN OPERATION: 20 - 85% (non-condensing HUMIDITY IN STORAGE: 20 - 85% (non-condensing) DROP TEST: 1.5 m / 5 ft drop onto concrete surface PROTECTION RATE: IP 54

PHYSICAL

DIMENSIONS (W X H X D): 58.2 x 180.8 x 23.8 mm / 2.29 x 7.12 x 0.94 in WEIGHT BODY: Ca. 156 g / 5.5 oz (incl. battery)

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, RoHS, JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II, EN55022, EN55024

ENCLOSED ITEMS

Hand strap, USB cable

SOLD SEPARATELY

Rechargeable battery

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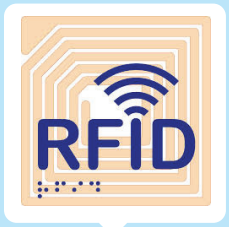
Barcode readers



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