

OPN-4000n

CCD Data Collector

HIGHLIGHTS

- High speed scanning
- Bluetooth 2.1
- Ultra compact
- Lightweight design



Scale 100%



OPN-4000n

Basic product specifications

OPERATION

CPU: 32-bit CISC / 96 MHz **O/S:** Proprietary **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

MEMORY

FLASHROM: 1 MB **SRAM:** 96 kB

OPERATING INDICATORS

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

OPERATING KEYS

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

COMMUNICATION

USB: mini USB **BLUETOOTH:** Ver. 2.1, SPP, HID, 1 to 1 connection, master / slave mode, authentication and encryption

POWER

RECHARGEABLE BATTERY: Lithium-Ion Polymer 3.7V 600mAh **OPERATING TIME:** 25 hours (2 scans / 10 sec incl Bluetooth communication) **CHARGING METHOD:** Enclosed USB cable

BARCODE SCANNER OPTICS

LIGHT SOURCE: 1 red LED **SCAN METHOD:** CCD linear sensor, 1500 pixels **READING PITCH ANGLE:** -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -65 to 0°, 0 to +65° **READING TILT ANGLE:** -25 to 0°, 0 to +25° **CURVATURE:** R>20 mm (EAN13) R>15 mm (EAN8) **MIN. RESOLUTION AT PCS 0.9:** 0.1 mm (Code 39) **DEPTH OF FIELD:** At Code 39, 75 - 120 mm / 2.95 - 4.72 in (0.127 mm / 5 mil), 65 - 130 mm / 2.56 - 5.12 in (0.15 mm / 6 mil) 55 - 220 mm / 2.17 - 8.66 in (0.254 mm / 10 mil), 55 - 240 mm / 2.17 - 9.45 in (0.508 mm / 20 mil), 70 - 520 mm / 2.76 - 20.47 oz (1.0 mm / 39 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) (exl. stacked), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISSM-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey **POSTAL CODE:** Chinese Post, Korean Postal Authority Code

DURABILITY

TEMPERATURE IN OPERATION: 0 to 50 °C / 32 to 122 °F **TEMPERATURE IN STORAGE:** -20 to 60 °C / -4 to 140 °F **HUMIDITY IN OPERATION:** 20 - 85% (noncondensing) **HUMIDITY IN STORAGE:** 20 - 85% (non-condensing) **AMBI-ENT LIGHT IMMUNITY:** Fluorescent 10,000 lx max, Direct sun 100,000 lx max **DROP TEST:** 1.2 m / 3.9 ft drop onto concrete surface

PHYSICAL

DIMENSIONS (W X H X D): 36 x 83 x 21.5 mm / 1.42 x 3.27 x 0.85 in **WEIGHT BODY:** Ca. 53 g / 1.87 oz (incl. battery) **CASE:** ABS, white

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS, IEC62471-1, EN60950-1, IEC60950-1, EN55022, EN 55022, EN 301 489-1 V1.9.2, EN 301 489-1 V2.1.1, EN 300 328 V1.7.1

ENCLOSED ITEMS

USB cable, Neck strap

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