

OPN-2001

Pocket Memory Scanner

HIGHLIGHTS

High speed scanning

Ultra compact

Lightweight design



Scale 100%



OPN-2001

Basic product specifications

OPERATION

CPU: ARM7 32-bit **O/S:** Proprietary **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

MEMORY

FLASHROM: 512 kB (Data storage >15.000 barcodes + time stamp) **RAM:** 64 kB

OPERATING INDICATORS

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

OPERATING KEYS

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

COMMUNICATION

USB: Mini USB, Ver. 1.1, USB-VCP, (USB-HID on request)

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 150mAh **OPERATING TIME**

(ACTIVE): 3.000 scans (1 scan / 5 sec) **OPERATING TIME (IDLE):** > 1 year

CHARGING METHOD: Enclosed USB cable **BATTERY CHARGING TIME:** Ca 2.5 hours

BARCODE SCANNER OPTICS

LIGHT SOURCE: 650 nm visible laser diode **SCAN METHOD:** Vibrating mirror

SCAN RATE: 100 scans/sec **READING PITCH ANGLE:** -30 to 0°, 0 to +30°

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. PCS**

VALUE: 0.45 **DEPTH OF FIELD:** At PCS 0.9 UPC 60 - 570 mm / 2.36 - 22.44 in (1.0 mm / 39 mil), 40 - 360 mm / 1.57 - 14.17 in (0.5 mm / 20 mil), 40 - 220 mm / 1.57 - 8.66 in (0.25 mm / 10 mil), 40 - 120 mm / 1.57 - 4.72 in (0.15 mm / 6 mil), 50 - 100 mm / 1.97 - 3.94 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

DURABILITY

TEMPERATURE IN OPERATION: 0 to 40 °C / 32 to 104 °F **TEMPERATURE IN**

STORAGE: -20 to 60 °C / -4 to 140 °F **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:** 10 - 100 Hz with 2G for 30 min **PROTECTION RATE:** IP 42

PHYSICAL

DIMENSIONS (W X H X D): 32 x 62 x 16 mm / 1.26 x 2.44 x 0.63 in **WEIGHT**

BODY: Ca. 28 g / 1 oz (incl. battery) **CASE:** ABS, Black

REGULATORY & SAFETY

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

ENCLOSED ITEMS

USB cable, Neck strap

