OPN-2006 Bluetooth scanner

HIGHLIGHTS

- iOS compatible
- Android compatible
- High performance scanning
- Bluetooth 3.0
- Rechargeable battery
- Lightweight design
- Programmable





OPN-2006

> 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 EXTERNAL FLASHROM: 1 MB

OPERATING INDICATORS

VISUAL: Multi color LED (red/green/orange/blue) NON-VISUAL: Buzzer

OPERATING KEYS

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

COMMUNICATION

USB: Mini USB, Ver. 1.1, USB-VCP (USB-HID and USB-MSD on request) BLUETOOTH: Ver. 3.0, SPP, HID, 1 to 1 connection, master & slave mode, authentication and encryption

POWER

RECHARGEABLE BATTERY: Lithium-Ion Polymer 3.7V 240mAh OPERATING TIME (BATCH): 1.000 scans (1 scan / 5 sec) OPERATING TIME (IDLE): 1-2 months OPERATING TIME (BLUETOOTH): Ca. 12 hours RAM DATA RETENTION TIME (EMPTY): Ca. 72 hours RAM DATA RETENTION TIME (FULL): 1-2 months CHARGING METHOD: Enclosed USB cable

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-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 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 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. 29 g / 1.0 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