

WIRELESS SCANNERS

OPC-3301i

Barcode CCD Scanner

HIGHLIGHTS

High speed scanning

Bluetooth Ver 2.1

Lightweight

Low power consumption

Charging cradle available

MFi certified



Made for
iPod iPhone iPad

 **OPTICON**

OPC-3301i

Basic product specifications

MEMORY

SDRAM: 1MB **FLASH ROM:** 1MB

OPERATING INDICATORS

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

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

BLUETOOTH: Ver. 2.1, SPP/HID, output power class 2, range up to 10 m, 1 to 1 connection, master/slave mode, authentication and encryption

POWER

CURRENT CONSUMPTION: 15mA (stand by), max 200mA **BATTERY:** Lithium-ion 3.7V 1100mAh **OPERATING TIME STAND BY:** Approx 72 hours (with wireless connection) **READING:** Approx. 48 hours (1 scan / 5 sec) **CHARGING METHOD:** Separate cradle CHG-3201 **BATTERY CHARGING TIME:** Ca. 3 hours (when charged with power supply)

BARCODE SCANNER OPTICS

LIGHT SOURCE: 624 nm LED **SCAN METHOD:** CCD linear image sensor **SCAN RATE:** 300 scans/sec **TRIGGER MODE:** manual, auto-trigger **READING PITCH ANGLE:** -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -65 to 0°, 0 to +65° **READING TILT ANGLE:** 25° **CURVATURE:** R>15 mm (EAN8), R>20 mm (EAN13) **MIN. RESOLUTION AT PCS 0.9:** 0.1 mm / 3.94 mil **MIN. PCS VALUE:** 0.30 **DEPTH OF FIELD AT CODE 39:** 55 - 75 mm / 2.17 - 2.95 in (0.127 mm / 5 mil), 45 - 100 mm / 1.77 - 3.94 in (0.15 mm / 6 mil), 35 - 175 mm / 1.38 - 6.89 in (0.25 mm / 10 mil), 40 - 300 mm / 1.57 - 11.81 in (0.5 mm / 20 mil), 60 - 500 mm / 2.36 - 19.69 in (1.0 mm / 40 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-ISSN -ISMN, 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 / -14 to 140 °F **HUMIDITY IN OPERATION:** 20 - 85% (non-condensing) **HUMIDITY IN STORAGE:** 20 - 85% (non-condensing) **AMBIENT LIGHT IMMUNITY:** Fluorescent 10,000 lx max, Direct sun 100,000 lx max **DROP TEST:** 1.5 m / 5 ft drop onto concrete surface **VIBRATION TEST:** 10 - 100 Hz with 2G for 1 hour **PROTECTION RATE:** IP 42

PHYSICAL

DIMENSIONS (W X H X D): 113 x 132 x 56 mm / 4.45 x 5.20 x 2.20 in

Ca. 127 g / 4.3 oz (incl. battery) **CASE:** ABS, Black or White

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, MFi, RoHS, IEC 62471, IEC 60950-1

ENCLOSED ITEMS

Wrist strap

SOLD SEPARATELY

CHG-3201 CRADLE: charging **OPA-3201:** Bluetooth dongle



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