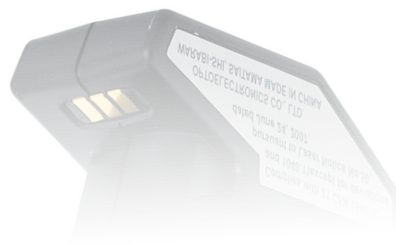


OPI-3301

2D CMOS Imager

HIGHLIGHTS

- Auto-focus imager
- Reading 80 frames per second
- Bluetooth Ver 1.2
- Lightweight
- Low power consumption
- Charging cradle available



OPI-3301

Basic product specifications

MEMORY

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

OPERATING INDICATORS

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

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

BLUETOOTH: Ver. 1.2, SPP, output power class 2, range up to 10 m, 1 to 1 connection, master/slave mode, authentication and encryption

POWER

CURRENT CONSUMPTION: 150mA (stand by), max. 300mA **RECHARGEABLE**

BATTERY: Lithium-Ion 3.7V 1100mAh **OPERATING TIME STAND BY:** Approx 15 hours (with wireless connection). **READING:** Approx. 10 hours (1 scan / 5 sec) **CHARGING METHOD:** Separate cradle CRD-3301 **BATTERY CHARGING TIME:** Ca. 3 hours (when charged with power supply), ca. 6 hours (when charged with USB)

2D IMAGER OPTICS

LIGHT SOURCE: Aiming laser diode, illumination LEDs **SCAN METHOD:** CMOS area sensor, 900 x 512 pixels, gray scale **SCAN RATE:** Up to 80 fps(excl. focusing) **IMAGE FORMAT:** Bitmap, JPEG **READING PITCH ANGLE:** -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -50 to 0°, 0 to +50° **READING TILT ANGLE:** 360° **MIN. RESOLUTION AT PCS 0.9:** 0.127 mm / 5 mil **MIN. PCS VALUE:** 0.45 **FIELD OF VIEW:** Horizontal 40°, Vertical 23° **DEPTH OF FIELD:** at Code 39 15 - 55 mm / 0.59 - 2.17 in (0.127 mm / 5 mil), 15 - 200 mm / 0.59 - 7.87 in (0.254 mm / 10 mil), 90 - 870 mm / 3.54 - 34.25 in (1.0 mm / 39 mil) **DEPTH OF FIELD:** at QR Code, 15 - 170 mm / 0.59 - 6.69 in (0.339 mm / 13 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, Intelligent Mail Barcode, Korean Postal Authority code, POSTNET **2D CODE:** Aztec Code, Aztec Runes, Chinese Sensible code, Codablock F, Composite codes, Data Matrix (ECC200/EC0-140), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR code

DURABILITY

TEMPERATURE IN OPERATION: -20 to 50 °C / -4 to 122 °F **TEMPERATURE**

IN STORAGE: -25 to 60 °C / -13 to 140 °F **HUMIDITY IN OPERATION:** 5 - 85% (non-condensing) **HUMIDITY IN STORAGE:** 5 - 85% (non-condensing)

AMBIENT LIGHT IMMUNITY: Fluorescent 10,000 lx max, Direct sun 100,000 lx max, Incandescent 10,000 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): 56 x 137 x 113 mm / 2.20 x 5.39 x 4.45 in **WEIGHT**

BODY: Ca. 110 g / 3.9 oz (incl. battery) **CASE:** ABS, black or white

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS, IEC 60825-1 Class 2, IEC 62471, IEC 60825-1 Class 1, IEC 60950-1

ENCLOSED ITEMS

Hand strap

SOLD SEPARATELY

CRD-3301 CRADLE: Bluetooth communication, charging

