OPI-1101 2D Imager

> HIGHLIGHTS

- 2D CMOS imager
- Data editing program
- IEEE.802.15.4, 2,4 Ghz
- LED aiming
- Plug & play
- 1.5 m drop proof

OPI-1101

> BASIC PRODUCT SPECIFICATIONS

OPERATING INDICATORS

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

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

IEEE.802.15.4 2.4 Ghz (100 m) USB: ComPort emulation / HID USB

POWER

RECHARGEABLE BATTERY: Polymer 3.7V 1200mAh CHARGING METHOD: by USB power retrieving cable CHARGING TIME: Ca. 4 hours

2D IMAGER OPTICS

LIGHT SOURCE: Green aiming LED, red illumination LEDs SCAN METHOD: CMOS area sensor, 752 x 480 pixels, gray scale SCAN RATE: 60 fps FOCAL DISTANCE: 104 mm TRIGGER MODE: Manual, multiple read, auto-trigger, stand detection IMAGE FORMAT: Windows Bitmap, JPEG, TIFF GRADULATION: 1024, 256, 16, 2 IMAGE OUTPUT MODE: 4 resolutions (full, 1/2, 1/3, 1/4), 2 ranges (horizontal, vertical) READING PITCH ANGLE: -50 to 0˚, 0 to +50˚ READING SKEW ANGLE: -50 to 0˚, 0 to +50˚ READING TILT ANGLE: 360˚ CURVATURE: R>16 mm (12-digit 0.15 mm Codabar), R>20 mm (13-digit UPC) MIN. RESOLUTION CODE39 AT PCS 0.9: 0.127 mm / 5 mil, min. resolution QR Code and Data Matrix at PCS 0.9: 0.169 mm / 7 mil MIN. PCS VALUE: 0.45 FIELD OF VIEW: Horizontal 40.6˚, Vertical 26.4˚ DEPTH OF FIELD: at Code 39, 65 - 105 mm / 2.56 - 4.13 in (0.127 mm / 5 mil), 45 - 185 mm / 1.77 - 7.28 in (0.254 mm / 10 mil), 50 - 250 mm / 1.97 - 9.84 in (0.508 mm / 20 mil) DEPTH OF FIELD: at QR Code, 70 - 95 mm / 2.76 - 3.74 in (0.211 mm / 8.4 mil), 35 - 165 mm / 1.38 - 6.50 in (0.381 mm / 15 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: 0 to 40˚C / 32 to 104˚F TEMPERATURE IN STORAGE: -20 to 60˚C / -4 to 140˚F RELATIVE HUMIDITY: 10 - 90% 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

PHYSICAL

DIMENSIONS (W X H X D): 67 x 186 x 91 mm / 2.64 x 7.32 x 3.58 in WEIGHT BODY: Ca. 140 g / 4.94 oz CASE: ABS, black

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, RoHS

SOLD SEPARATELY

Stand

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