

PX-36

2D Data Collector

HIGHLIGHTS

- Bluetooth Ver 4.0
- (alpha)numeric keypad
- IP 54
- 1,5 m drop proof



PX-36

Basic product specifications

OPERATION

CPU: 32-bit **O/S:** Proprietary **SOFTWARE:** Programmable in C-language. Software development kit including ANSI C cross compiler available for free. **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

MEMORY

FLASHROM: 512 KB **SRAM:** 1MB

DISPLAY

TYPE: Graphic LCD with backlight **SIZE:** 112 x 64 pixels

OPERATING INDICATORS

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

OPERATING KEYS

ENTRY OPTIONS: 18 keys total, 12 key (alpha)numeric keypad, 2 function keys, 3 control keys, 1 scan key

COMMUNICATION

IRDA: Ver. 1.2, baudrate 2400 bps - 115.2 kbps **BLUETOOTH:** Ver. 4.0, class 2, SPP and HID

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 1880mAh **BACKUP BATTERY:** Rechargeable manganese silicon lithium battery 3V/3mAh **OPERATING TIME:** Ca. 10 hours (1 scan / 5 sec excl. connection), **RECHARGING TIME:** ca. 7 hours **DATA RETENTION TIME:** Ca. 72 hours **CHARGING METHOD:** Separate cradle CRD972x series

2D IMAGER OPTICS

LIGHT SOURCE: Green aiming LED, 2 illumination red LEDs **SCAN METHOD:** CMOS area sensor, 752 x 480 pixels **SCAN RATE:** up to 60 fps **READING PITCH ANGLE:** -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -50 to 0° / 0 to +50° **READING TILT ANGLE:** -15 to 0°, 0 to +15° **CURVATURE:** R>20 mm **MIN. RESOLUTION AT PCS 0.9:** 0.2 mm **PCS VALUE:** 0.45 **MOTION TOLERANCE:** 2m/s **DEPTH OF FIELD:** At PCS 0.9, Code 39: 60 - 300 mm / 2.36 - 11.81 in (1.0 mm / 39 mil), 35 - 210 mm / 1.38 - 8.27 in (0.5 mm / 20 mil), 35 - 120 mm / 1.38 - 4.72 in (0.25 mm / 10 mil), 35 - 70 mm / 1.38 - 2.76 in (0.15 mm / 6 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, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey, ISBN-ISSN **POSTAL CODE:** Chinese Post, Korean Postal Authority code **2D CODE:** Composite Codes, MicroPDF417, PDF417, Datamatrix, Codablock F, QR Code, MicroQR Code, MaxiCode, Aztec Code, Chinese-sensible code, Netherlands KIX, UK Postal, Australian Postal

DURABILITY

TEMPERATURE IN OPERATION: 0 to 50 °C / 32 to 122 °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:** Fluorescent 10,000 lx max, Direct sun 100,000 lx max **DROP TEST:** 1.5 m / 5 ft drop onto concrete surface **PROTECTION RATE:** IP 54

PHYSICAL

DIMENSIONS (W X H X D): 44 x 140 x 25 mm / 1.73 x 5.51 x 0.98 in **WEIGHT BODY:** Ca. 115 g / 4.1 oz (excl. battery) **CASE:** ABS, Black

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, RoHS, IEC 62471

ENCLOSED ITEMS

Hand strap

SOLD SEPARATELY

BATTERY: Rechargeable battery **CRADLE:** CRD9723RU Cradle: Serial communication, charging CRD9723RU5 Cradle: Multi-cradle, 5x communication, 5x charging **CASE:** OPL9700 Nylon case with swivel clip & window, OPL9700 Nylon case with swivel clip, OPL9700 Nylon case with fixed clip

