

PX20 2D data collector



> HIGHLIGHTS

High performance scanning



Bluetooth 2.1

Ultra compact

Programmable

IP 54

1,8 meter drop resistant

SCALE 1:1



PX20

> BASIC PRODUCT SPECIFICATIONS

OPERATION

CPU: RX62N 32-bit MCU **O/S:** Proprietary **SOFTWARE:** Multiple 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:** 1024 kB

OPERATING INDICATORS

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

OPERATING KEYS

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

COMMUNICATION

USB: MicroUSB, VCP **BLUETOOTH:** Ver. 2.1, SPP, HID, SSP, 1 to 1 connection, master / slave mode, authentication and encryption

POWER

OPERATING TIME: 20 hours (1 scan / minute incl Bluetooth communication), 35 hours (1 scan / minute, Bluetooth not activated) **CHARGING METHOD:** Enclosed USB cable

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:** 360° **FOCAL DISTANCE:** 130 mm / 5.12 in from front **CURVATURE:** R>20 mm **MIN. RESOLUTION AT PCS 0.9:** 0.127 mm / 5 mil **MIN. PCS VALUE:** 0.30 **FIELD OF VIEW:** Horizontal 40.6°, Vertical 26.4° **DEPTH OF FIELD:** At Code 39, 90 - 125 mm / 0.30 - 0.41 in (0.127 mm / 5 mil), 55 - 200 mm / 0.18 - 0.66 in (0.254 mm / 10 mil), * - 300 mm / * - 0.98 in (0.508 mm / 20 mil) **DEPTH OF FIELD:** At QR Code, 95 - 120 mm / 3.74 - 4.72 in (0.212 mm / 8.4 mil), 60 - 200 mm / 2.36 - 7.87 in (0.381 mm / 15 mil) * The depth of field depends on the view angle and symbol length

SUPPORTED SYMBOLOGIES

BARCODE (ID): UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), Industrial 2 of 5, Interleaved 2 of 5, S-Code, IATA, Code 93, Code 128, MSI/Plessey, UK/Plessey, TELEPEN, Matrix 2of5, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1-DataBar, Composite GS1-128, Composite EAN, Composite UPC **POSTAL CODE:** Chinese Post, Korean Postal Authority code **2D CODE:** PDF417, MicroPDF417, Codablock F, QR Code, Micro QR Code, DataMatrix (ECC 0 - 140 / ECC 200), MaxiCode (Modes 2 to 5), Aztec Code, Chinese Sensible Code

DURABILITY

TEMPERATURE IN OPERATION: -10 to 50 °C / 14 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, Incandescent 10,000 lx max **DROP TEST:** 1.8 m / 6 ft drop onto concrete surface **PROTECTION RATE:** IP 54

PHYSICAL

DIMENSIONS (W X H X D): 34 x 71 x 15 mm / 1.34 x 2.8 x 0.59 in **WEIGHT BODY:** Ca. 40 g / 1.4 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, IEC62471, EN60950-1, IEC60950-1, EN55022, EN55024

ENCLOSED ITEMS

USB cable, Neck strap



800 729 0236
www.logiscenter.us



0241 9550 9225
www.logiscenter.de



01 82 88 44 70
www.logiscenter.fr



020 3318 8265
www.logiscenter.co.uk



0720 115814
www.logiscenter.at



02 58 80 583
www.logiscenter.be



911 433 048
www.logiscenter.com



02 4792 1697
www.logiscenter.it



308 800 842
www.logiscenter.pt

About LOGISCENTER

Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 60,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products, we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.



All Brands Technical Service

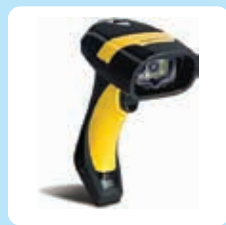
Our Brands



Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)