PR-11

2D Barcode & Passport Scanner

The size and shape of this high speed omnidirectional scanner makes it the perfect fixed mount. The PR-11 is known for its fast decoding and accurate passport reading performance.

Highlights

- High speed, omnidirectional 2D - scans up to 120 fps

- Rapidly scans and decodes 1D and 2D barcodes, from both MRTD (Machine Readable Travel Document) and from mobile device screens

- Incorporates an Opticon scan engine for improved scanning of low quality barcodes while providing exceptional motion tolerance for moving applications

- Smart design fits any desk, workspace or countertop

- Data editing program function captures up to 16 codes on multiple images simultaneously

- Ideal size for scanning different forms of identification

- Survives multiple 0.75 meter drops onto concrete

- Trigger modes: manual and auto-trigger

- Flexible cable outlet: 4 directions

- Communication interface: USB (HID, COM)

- Anti-microbial coating (white version)

- Available in black or white color

- Two year warranty

PR-11
Product Specifications

Operating indicators
Visual: 2 LEDs (red, green, blue)
Non-visual: built-in speaker, tone adjustable

Communication
USB: Full-speed 12Mbps (HID/COM)

Power
Voltage requirement: 4.5 - 5.5V

2D Imager Optics
Light source: 2 warm white aiming LEDs
Scan method: monochrome CMOS area sensor, 1280 x 800 pixels
Scan rate: up to 120 fps
Scan area: 82.7 x 125 mm, 3.26 x 4.92 in
Image format: Windows Bitmap, JPEG
Reading pitch angle: 0°, 360° for standard 1D/2D codes
Reading skew angle: 0°, 360° for standard 1D/2D codes
Reading tilt angle: 0°, 360° for standard 1D/2D codes
Min. PCS value: 0.9
Min. resolution at PCS 0.9: 0.127 mm (Code 39)
Depth of field at UPC/EAN:
0 - 50 mm (0.33 mm) / 0 - 1.97 in (13 mil)
Depth of field at QR code:
0 - 30 mm (0.381 mm) / 0 - 1.18 in (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-ISMN-ISSN, Matrix 2of5, MSI/ Plessey, UK/Plessey, S-Code, Telepen, Tri-Optic
Postal code: Chinese Post, Intelligent Mail Barcode, Korean Postal Authority code, Dutch KIX code, UK Postal, Australian Postal, Postal JPN, POSTNET, PLANET

2D code: Aztec Code, Aztec Runes, Composite codes, Codablock F, Data Matrix (ECC200), Maxi Code, MicroPDF417, Micro QR Code, PDF417, QR Code
OCR: MRTD comply to ICAO Doc 9303 standard (Passport, Visa-A/B, Official Travel Documents1/2)

Durability
Temperature in operation: -5 to 45 °C / 23 to 113 °F
Temperature in storage: -30 to 60 °C / -22 to 140 °F
Humidity in operation: 10% to 90% (non-condensing)
Humidity in storage: 10% to 90% (non-condensing)
Ambient light immunity: Fluorescent 10,000 lx max, direct sun 100,000 lx max
Drop test: 0.75 m / 2.46 ft drop onto concrete surface
Vibration test: 10 - 100 Hz with 2G for 60 min.

Physical
Dimensions (W x H x D): 141.4 x 128.8 x 109 mm / 5.57 x 5.07 x 4.3 in.
Cable length: 2.1 m
Weight body (excluding cable):
White ca. 575 g / 19.44 oz
Black ca. 545 g / 18.43 oz
Case: White version - Antimicrobial coating

Regulatory & safety
Product compliance: CE, FCC, VCCI, IEC62471, EN55032, EN55024, RoHS

Models
Interface options: USB
Color version: White, Black

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