PR-11
2D Barcode & Passport reader

The PR-11 is a high speed, omnidirectional 2D imager barcode scanner proving hands-free, ultra-fast 1D or 2D barcode scanning. In addition, it is designed to seamlessly scan many forms of identification including optimized reading of MRTD (Machine Readable Travel Document), making it the ideal solution in customs, airport security and identification control applications.

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. resolution at pcs 0.9: 0.127 mm (Code 39)
Min. pcs value: 0.9
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, Passport MRZ (OCR-B), 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 - 90% (non-condensing)
Humidity in storage: 10 - 90% (non-condensing)
Ambient light immunity: Fluorescent 10,000 lx max, Sunlight 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 (WxHxD): 141.4 x 128.8 x 109 mm / 5.57 x 5.07 x 4.3 in.
Cable length: 2.1 m
Weight (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 versions: White, Black

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