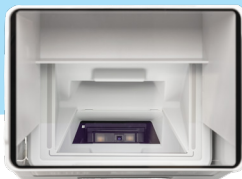


PR-11

2D CMOS Imager Passport Scanner



Highlights

- High speed 2D CMOS imager—omnidirectionally scans up to 120 frames per second
- Rapidly scans and decodes 1D and 2D barcodes, from both MRTD (Machine Readable Travel Document) and from mobile device screens
- Incorporates MDI-4100 scan engine for improved scanning of low quality barcodes and providing exceptional motion tolerance for moving applications
- Data editing program function captures up to 16 codes on multiple images simultaneously
- Ideal size for scanning different forms of identification
- Compact form factor: 5.57" x 5.07" x 4.3" (w x h x d)
- Trigger modes: manual and auto-trigger
- Flexible cable outlet: 4 directions
- Communication interfaces: USB (HID, COM)
- Available in black or white
- Anti-microbial coating (white version)
- Two year warranty

PR-11

Product Specifications

OPERATING INDICATORS

VISUAL: 2 LEDs (red, green, blue)
AUDIBLE: 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: 3.26 x 4.92 in (82.7 x 125 mm)
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: COLOR VERSIONS:
UPC/EAN: 13 mil (0.33 mm) 0 - 1.97 in (0 - 50 mm)
QR Code: 15 mil (0.381 mm) (0 - 1.18 in 0 - 30 mm)

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
BARCODE (2D): 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)
BARCODE (POSTAL CODES): Chinese Post, Intelligent Mail Barcode, Korean Postal Authority code, Dutch KIX code, UK Postal, Australian Postal, Postal JPN, POSTNET, PLANET

DURABILITY

TEMPERATURE:
Operation: 23 to 113 °F (-5 to 45 °C)
Storage: -22 to 140 °F (-30 to 60 °C)
HUMIDITY:
Operation: 10% to 90% (non-condensing)
Storage: 10% to 90% (non-condensing)
AMBIENT LIGHT IMMUNITY:
Fluorescent: 10,000 lx max
Sunlight: 100,000 lx max
DROP TEST: 2.46 ft (0.75 m) drop onto concrete surface
VIBRATION TEST: 10 - 100 Hz with 2G for 60 min.

PHYSICAL

DIMENSIONS (W X H X D): 5.57 x 5.07 x 4.3 in. (141.4 x 128.8 x 109 mm)
CABLE LENGTH: 2.1 m
WEIGHT BODY:
White ca. 19.44 oz (575 g)
Black ca. 18.43 oz (545 g)
CASE: White version - Antimicrobial coating

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, IEC62471, EN55032, EN55024, RoHS

MODELS

INTERFACE VERSIONS: USB
COLOR VERSIONS: White, Black

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