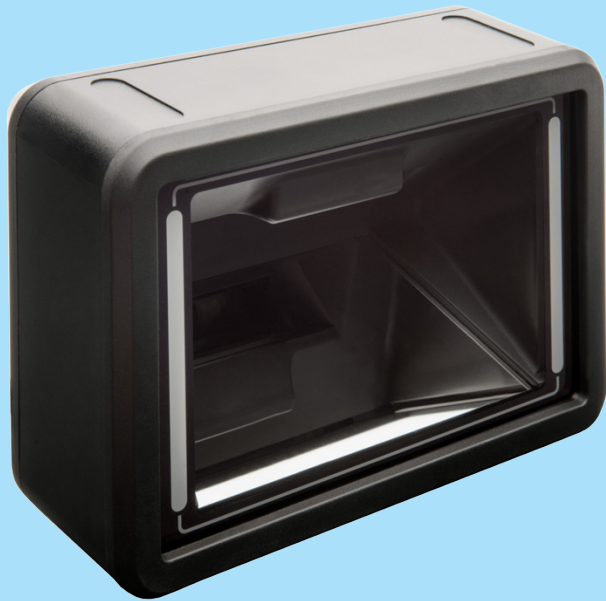


M-11

2D CMOS Imager Presentation Scanner



Highlights

- High speed 2D CMOS imager—omnidirectionally scans up to 120 frames per second
- Rapidly scans and decodes 1D and 2D barcodes including off of mobile device screens
- Incorporates MDI-4100 scan engine for improved scanning of low quality barcodes and providing exceptional motion tolerance for moving applications
- Smart design fits any desk, workspace or countertop
- Can easily be embedded into a fixed mount scanning solution
- Data editing program function captures up to 16 codes on multiple images simultaneously
- Ideal size for scanning different forms of identification
- Compact form factor: 3.32" x 1.89" x 4.9" (w x h x d) and 7.44 ounces
- IP42 rating against dust and moisture, survives multiple 5 foot drops onto concrete
- Trigger modes: manual and auto-trigger
- Flexible cable outlet: 4 directions
- Communication interfaces: USB (HID, COM)
- Two year warranty

M-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 (USB)

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
IMAGE FORMAT: Windows Bitmap, JPEG
READING PITCH ANGLE: ±60°
READING SKEW ANGLE: ±70°
READING TILT ANGLE: 360°
MIN. PCS VALUE: 0.3
MIN. RESOLUTION AT PCS 0.9: 0.1 mm (Code 39)
DEPTH OF FIELD:
At Code 39:
5 mil (0.127) 1.38 - 3.46 in (35 - 88 mm)
At UPC/EAN:
10.2 mil (0.26) 0 - 7.8 in (0 - 198 mm)
13 mil (0.33) 0 - 9.2 in (0 - 234 mm)
At QR code:
15 mil (0.381) 0 - 5.59 in (0 - 142 mm)
At Datamatrix:
10 mil (0.254) 1.1 - 3.9 in (28 - 99 mm)
MOTION TOLERANCE: UPC 0.33 mm, 2.54 m/s

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, USPS
BARCODE (2D): Aztec Code, Aztec Runes, Composite codes, Codablock F, Data Matrix (ECC200), Maxi Code, MicroPDF417, Micro QR Code, Passport MRZ (OCR-B), PDF417, QR Code
BARCODE (POSTAL CODES): Chinese Post, Intelligent Mail Barcode, Korean Postal Authority code, Dutch KIX code, UK 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: 5 ft (1.5 m) drop onto concrete surface
VIBRATION TEST: 10 - 100 Hz with 2G for 30 min.
PROTECTION RATE: IP42

PHYSICAL

DIMENSIONS (W X H X D): 3.32 x 1.89 x 4.9 in (84.4 x 48 x 124.4 mm)
CABLE LENGTH: 2.1 m
WEIGHT BODY: 7.44 oz (Ca. 220 g)

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, IEC62471:2006, EN55032, EN55024, RoHS

MODELS

INTERFACE VERSIONS: USB
COLOR VERSIONS: Black

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