PRESENTATION SCANNER

M-10

2D CMOS Imager Presentation Scanner



Highlights

- High speed 2D CMOS imager – omnidirectionally scans up to 60 frames per second
- Rapidly scans and decodes 1D and 2D barcodes – even on mobile phone LCD screens
- Stylish, space-saving design that easily fits any desk, workspace or retail counter
- Scanner can be used as a handheld scanner by using a trigger switch at the head of scanner
- New data editing program function captures up to 16 codes on multiple images simultaneously
- Output editing process, such as GS1 format, can also be easily set
- Compact size and weight: 2.99" x 5.47" x 2.76" (WxHxD) and 8.82 ounces
- Durable - survives 5 foot drop onto concrete and IP52 rating against dust and moisture
- Trigger modes: manual and auto-trigger
- Communication interfaces: RS232 or USB
- Two year warranty

OPTICON

M-10

Product Specifications

OPERATING INDICATORS

VISUAL: 2 LEDs (green/blue/orange)

AUDIBLE: Buzzer

COMMUNICATION

RS232: DB9 PTF connector with external power supply, 300 bps~115200 bps

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

VOLTAGE REQUIREMENT: 5.7~6.3V

2D IMAGER OPTICS

LIGHT SOURCE: 2 Red LEDs Aiming and auto trigger activation light source – 1 green LED

SCAN METHOD: WVGA CMOS are sensor 752x480 pixels

SCAN RATE: Up to 60 fps

IMAGE FORMAT: Windows Bitmap, JPEG

READING PITCH ANGLE: ca 50˚

READING SKEW ANGLE: ca 50˚

READING TILT ANGLE: ca 180˚

MIN RESOLUTION –PDF: 0.169 mm

QR CODE: 0.212 mm

DATAMATRIX: 0.212 mm

FIELD OF VIEW: Horizontal 40.6˚, vertical 26.4˚

DEPTH OF FIELD:

At Code 39:
5 mil (0.127) 1.38 - 2.36 in (35 - 60 mm)
10 mil (0.254) 0 - 5.51 in (0 - 140 mm)

At QR code:
8.4 mil (0.212) 1.38 - 2.17 in (35 - 55 mm)
15 mil (0.381) 0 - 0.472 in (0 - 120 mm)

At PDF417:
6.7 mil (0.169) 0.98 - 2.76 in (25 - 70 mm)
10 mil (0.254) 0 - 4.72 in (0 - 120 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-ISSN-ISMN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey, USPS

BARCODE (2D): Aztec Code, Aztec Runes, Composite codes, Codablock F, Data Matrix, (ECC200/EC0-140), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR code

BARCODE (POSTAL CODES): Chinese Post, Intelligent Mail Barcode, Korean Postal Authority code, Postal JPN, POSTNET

DURABILITY

TEMPERATURE:
Operation: -5 to 45 ˚C
Storage: -20 to 60 ˚C

HUMIDITY:
Operation: 20 - 85%
Storage: 20 - 90%

AMBIENT LIGHT IMMUNITY:
Fluorescent: 10,000 lx or less
Sunlight: 100.000 lx or less

ANTISTATIC ELECTRICITY: 15kV (non-destructive)

DROP TEST: 5 ft (1.5 m)drop onto concrete surface

VIBRATION TEST: 10 - 100 Hz with 2G for 3 hours

PROTECTION RATE: IP 52

PHYSICAL

DIMENSIONS (W X H X D): 72 x 70 x 139 mm

WEIGHT BODY: Ca. 250 g

REGULATORY AND SAFETY

PRODUCT COMPLIANCE: CE, IEC62471-1, VCCI, EN55022, FCC Class-B

MODELS

INTERFACE VERSIONS: USB or RS232

COLOR VERSIONS: Black

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