

M-10 2D CMOS imager



> **HIGHLIGHTS**

Supports all common linear (1D) bar codes and 2D codes

Omni directional scanning

Imaging for mobile coupons

High-speed imaging for fast moving codes

Automatic sensing or manual trigger options available

M-10

> BASIC PRODUCT SPECIFICATIONS

VISUAL: 2 LEDs (green/blue/orange) **NON-VISUAL:** 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:** PDD417 Res. 0.169 15-70, Res. 0.254 0-120, QR code Res. 0.212 35-55 Res. 0.381 0-125 Datamatrix Res.0.254 20-85

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 **POSTAL CODE:** Chinese Post, Intelligent Mail Barcode, Korean Postal Authority code, Postal JPN, POSTNET **2D CODE:** Aztec Code, Aztec Runes, Composite codes, Codablock F, Data Matrix, (ECC200/ECO-140), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR code

DURABILITY

TEMPERATURE IN OPERATION: -5 to 45 °C **TEMPERATURE IN STORAGE:** -20 to 60 °C **HUMIDITY IN OPERATION:** 20 - 85% **HUMIDITY IN 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:** 1.5 m / 5 ft 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 & SAFETY

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

MODELS

INTERFACE VERSIONS: USB **COLOR VERSIONS:** Black