

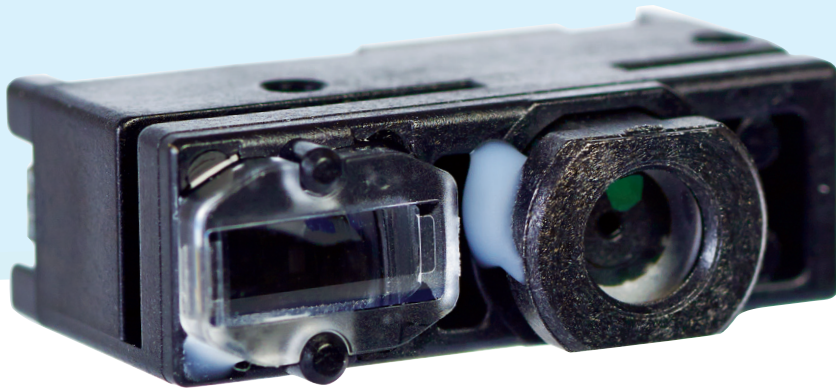
OEM

MDC-200

CCD Scan Engine

HIGHLIGHTS

- Small form factor
- Integrated decoder
- 300 scans/sec
- Low power consumption



Scale 100%



 **OPTICON**

MDC-200

Basic product specifications

COMMUNICATION

SERIAL CMOS: 12 pin FFC connector (both RS-232C and USB)

POWER

VOLTAGE REQUIREMENT: 3.3V **CURRENT CONSUMPTION:** Max. 120mA

BARCODE SCANNER OPTICS

LIGHT SOURCE: 1 red LED **SCAN METHOD:** CCD linear sensor **SCAN RATE:** 300 scans/sec **READING PITCH ANGLE:** -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -65 to 0°, 0 to +65° **READING TILT ANGLE:** -25 to 0°, 0 to +25° **CURVATURE:** R>15 mm (EAN8) **MIN. RESOLUTION AT PCS 0.9:** 0.3 mm (EAN-13) **DEPTH OF FIELD:** At Code 39, 70 - 180 mm / 2.76 - 7.09 in (0.127 mm / 5 mil), 55 - 300 mm / 2.17 - 11.81 in (0.25 mm / 10 mil), 60 - 460 mm / 2.36 - 18.11 in (0.5 mm / 20 mil), 65 - 800 mm / 2.56 - 31.50 in (1.0 mm / 39 mil); at EAN-13, 45 - 320 mm / 1.77 - 12.60 in (0.33 mm / 13 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) (exl. stacked), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISSM-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey **POSTAL CODE:** Chinese Post, Korean Postal Authority Code

DURABILITY

TEMPERATURE IN OPERATION: -20 to 60 °C / -4 to 140 °F **TEMPERATURE IN STORAGE:** -40 to 70 °C / -40 to 158 °F **HUMIDITY IN OPERATION:** 5 - 90% (non-condensing) **HUMIDITY IN STORAGE:** 5 - 90% (non-condensing) **AMBIENT LIGHT IMMUNITY:** Fluorescent 4000 lx max, Sunlight 100,000 lx max, Incandescent 4000 lx **DROP TEST:** packed in dummy case 1.8 m / 6 ft drop onto concrete surface

PHYSICAL

DIMENSIONS (W X H X D): 22.8 x 7.5 x 15 mm / 0.90 x 0.30 x 0.59 in **WEIGHT:** Ca. 2.6 g / 0.09 oz

REGULATORY & SAFETY

RoHS, IEC62471

