

# C-40

## CCD Linear Imager

The C-40 is a durable CCD scanner with a wide optical window. With its aggressive scan engine the C-40 operates at a speed of 300 scans per second.



## Highlights

- Cabled, handheld CCD barcode scanner that's reliable and affordable
- Enhanced decoding algorithms for ultra-fast (300 scans/second) barcode scanning
- Single red LED aiming line helps to quickly find the appropriate scanning position
- Reads 1D barcodes from LCD screens and mobile phones
- Durable—survives 1.5 meter drop to concrete
- IP42 rating against dust and moisture
- Trigger modes: manual and auto-trigger
- Compact size and weight: 72.7 x 58.3 x 157.7 (W x H x D) and 73 grams
- Communication interface: USB
- Available in white color and is antimicrobial
- Backed by a two year warranty

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## Product Specifications

### Operating indicators

Visual: 1 LED (red/green/orange)

Non-visual: buzzer

### Operating keys

Entry options: 1 scan key

### Communication

USB: Ver. 2.0, HID/VCP, USB-A connector

### Power

Voltage requirement: 4.5 - 5.5V

### Barcode scanner optics

Light source: 1 red LED

Scan method: CCD linear image sensor, 1,500 pixels

Scan rate: 300 scans/sec

Trigger mode: Manual, auto-trigger

Reading pitch angle:  $\pm 35^\circ$

Reading skew angle:  $-30^\circ$  to  $+70^\circ$

Reading tilt angle:  $\pm 25^\circ$

Curvature:  $R \geq 15$  mm (EAN 8),  $R \geq 20$  mm (EAN 13)

Min. resolution at PCS 0.9: 0.3 mm

Depth of field:  $< 15$ 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) (excl. stacked), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, UK/Plessey, S-Code, Telepen, Tri-Optic

Postal code: Chinese Post, Korean Postal Authority code

### Durability

Temperature in operation: 0 to 50 °C / 32 to 122 °F

Temperature in storage: -20 to 60 °C / -4 to 140 °F

Humidity in operation: 5% to 95% (non-condensing)

Humidity in storage: 5% to 95% (non-condensing)

Ambient light immunity: 10,000 lx

Drop test: 1.5 m / 5 ft drop onto concrete surface

Vibration test: 10 - 100Hz with 2G for 1 hour

Protection rate: IP42

### Physical

Dimensions (W x H x D): 72.7 x 58.3 x 157.7 mm / 2.86 x 2.30 x 6.21 in

Weight body: Ca. 73 g / 2.57 oz (excl. cable)

Case: PC & ABS, White, Antimicrobial coating

### Regulatory & safety

Product compliance: CE, FCC, VCCI, RoHS, IEC62471, EN61000, EN55022