C-37
CCD Linear Imager

The C-37, a rugged, reliable, very affordable CCD handheld cabled barcode scanner, features a scan rate of 200 scans/second and sustains a drop from 1.5 m to concrete. Ideal scanning solution for administrative records control as in library, education, government, healthcare and retail applications.

Highlights

- Cabled, handheld CCD barcode scanner that's affordable, durable and reliable - a proven performer

- Scanner contains no moving parts

- Enhanced decoding algorithms for ultra-fast (200 scans/second) barcode scanning

- Reads 1D barcodes from LCD screens

- Durable – survives 1.5 meter drop to concrete

- IP42 rating against dust and moisture

- Trigger modes: manual and auto-trigger

- Compact size and weight: 53 x 75 x 150 mm (W x H x D) and 90 grams

- Communication interface: RS232, or USB

- Available in black or white

- Backed by a two year warranty

C-37
Product Specifications

Operating indicators
Visual: 1 LED (red/green/orange)
Non-visual: buzzer

Operating keys
Entry options: 1 scan key

Communication
RS232: DB9 connector with external power supply
USB: Ver. 1.1, HID/VCP, USB-A connector

Power
Voltage requirement: 5V ± 10% (USB), 6V (min. 4.5, max 6.6V) (RS232)

Barcode scanner optics
Light source: 630 nm, red LED
Scan method: CCD linear image sensor, 2500 pixels
Scan rate: 200 scans/sec
Trigger mode: Manual, auto-trigger
Reading pitch angle: ± 30⁰
Reading skew angle: -30⁰ to +70⁰
Reading tilt angle: ± 25⁰
Curvature: R≥15 mm (EAN 8), R≥20 mm (EAN 13)
Min. resolution at PCS 0.9: 0.125 mm / 5 mil
Min. PCS value: 0.45
Depth of field at code 39: 0 - 15 mm / 0 - 0.59 in

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
Postal code: Chinese Post, korean Postal Authority code

Durability
Temperature in operation: 0 to 50 ⁰C / 32 to 122 ⁰F
Temperature in storage: -20 to 60 ⁰C / -4 to 140 ⁰F
Humidity in operation: 5% to 95% (non-condensing)
Humidity in storage: 5% to 95% (non-condensing)
Ambient light immunity: Fluorescent 10,000 lx max, Incandescent 10,000 lx
Max drop test: 1.5 m / 5 ft drop onto concrete surface
Vibration test: 10 - 100Hz with 2G for 1 min
Protection rate: IP42

Physical
Dimensions (W x H x D): 53 x 75 x 150 mm / 2.09 x 2.95 x 5.91 in.
Weight body: Ca. 90 g / 3.2 oz (excl. cable)
Case: ABS, Black, White

Regulatory & safety
Product compliance: CE, FCC, VCCI, RoHS, JISC6802, EN60825, EN55022, EN55024

Models
Interface versions: RS232, USB
Color versions: Black, White

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