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C-37

The C-37 is a durable CCD scanner with a wide optical window. With its aggressive scan engine the C-37 operates at a speed of 200 scans per second. Available in black and white, this sleek scanner fits on every desk.



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This lightweight and ergonomically shaped device fits comfortably in anyone's hand, making it suitable for all-day scanning applications.

The C-37 is available with the most popular interfaces: USB, Keyboard Wedge and RS232. This device is easily programmable to suite your application.



Downloads

[C-37 DoC - leaflet \(96.2KB\)](#)

[Leaflet C-37 - leaflet \(780.71KB\)](#)



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Operating indicators

Visual	1 LED (red/green/orange)
Non-visual	Buzzer
Operating keys	

Entry options	1 scan key
Communication	
RS232	DB9 F connector with external power supply
Keyboard Wedge	MiniDIN6 F/M connector
USB	Ver. 1.1, HID, USB-A connector
Power	
Voltage requirement	5V ± 10% (Keyboard Wedge and USB), 6V (min. 4.5, max. 6.6V) (RS232)
Barcode scanner Optics	
Light source	630 nm red LED
Scan method	CCD linear Sensor 2500 pixels
Scan rate	200 scans/sec
Trigger mode	Manual, auto-trigger
Reading pitch angle	-35 to 0°, 0 to +35°
Reading skew angle	-70 to -20°, 20 to +70°
Reading tilt angle	-20 to 0°, 0 to +20°
Curvature	R>15 mm (EAN8), R>20 mm (EAN13)
Min. resolution at PCS 0.9	0.125 mm / 5 mil
Depth of field	0 - 15 mm / 0 - 0.59 in, at PCS 0.9, Code 39
Supported Symbolologies	
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-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	0 to 50 °C / 32 to 122 °F
Temperature in storage	-20 to 60 °C / -14 to 140 °F
Humidity in operation	5 - 95% (non-condensing)
Humidity in storage	5 - 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 - 100 Hz with 2G for 1 hour
Protection rate	IP 42
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 or White
Regulatory & Safety	
Product compliance	CE, FCC, VCCI, RoHS



Healthcare

Healthcare professionals can easily identify patient badges at the reception desk with the C-37. The unique barcode on the patient badge has replaced the patient number, as it is a more accurate and fast way of identifying patients. As soon as the barcode is scanned by the C-37, the Electronic Health Record is brought up, allowing all authorized users to track and store patient data. This system is time saving and accurate.

Applications:

- Identifying patients
- Activating the Electronic Health Record (EHR)
- Patient administration
- Treatment registration

Retail

With a scan rate of 200 scans per second, the C-37 optimizes Point of Sale applications. Identification at check out occurs fast and accurate. The compact housing realizes ergonomic scanning of the 1D barcodes placed on all shop items. The C-37 is ergonomically shaped and lightweight for smooth scanning.

Applications:

Item identification
Price checking
On-counter scanning
Check out

Enclosed items



C37 Power supply

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Sold separately