

C-37

CCD Barcode Scanner



Highlights

- 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 five foot drop to concrete
- IP 42 rating against dust and moisture
- Trigger modes: manual and auto-trigger
- Compact size and weight: 2.95" x 5.91" x 2.09" (WxLxD) and 3.2 ounces
- Communication interface: RS232, keyboard wedge or USB
- Available in black or white
- Backed by a two year warranty

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Product Specifications

OPERATING INDICATORS

VISUAL: 1 LED (red/green/orange)

AUDIBLE: Buzzer

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

RS232: DB9 PTF connector with external power supply

KEYBOARD WEDGE: MiniDIN6 F/M connector

USB: Version 1.1, HID/VCP, US B-A connector

POWER

VOLTAGE REQUIREMENT: 5V \pm 10% (Keyboard Wedge and USB), 6V (minimum 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: -30 to 0°, 0 to +30°

READING SKEW ANGLE: -70 to -20°, 20 to +70°

READING TILT ANGLE: -25 to 0°, 0 to +25°

CURVATURE: R>15 mm (EAN 8), R>20 mm (EAN 13)

MINIMUM RESOLUTION AT PCS 0.9: 5 mil (0.125 mm)

DEPTH OF FIELD AT PCS 0.9 CODE 39: 0 - 0.59 in (0 - 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), IATA , Industrial 2of5, Interleaved 2of5, ISBN-ISSM -ISSN , Matrix 2of5, MSI/ Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey

BARCODE (POSTAL CODES): Chinese Post, Korean Postal Authority code

DURABILITY

TEMPERATURE:

Operation: 32 - 122 °F (0 - 50 °C)

Storage: -14 - 140 °F (-20 - 60 °C)

HUMIDITY:

Operation: 5 - 95% (non-condensing)

Storage: 5 - 95% (non-condensing)

AMBIENT LIGHT IMMUNITY:

Fluorescent: 10,000 lx max

Incandescent: 10,000 lx max

DROP TEST: 5 ft (1.5 m) drop onto concrete surface

VIBRATION TEST: 10 - 100 Hz with 2G for 1 hour

PROTECTION RATE: IP 42

PHYSICAL

DIMENSIONS (WXHxD): 2.09 x 2.95 x 5.91 in (53 x 75 x 150 mm)

WEIGHT BODY: Ca. 3.2 oz (90 g) (excl. cable)

CASE: ABS, Black, White

REGULATORY AND SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS

ENCLOSED ITEMS

POWER SUPPLY: 100-240V/0.5A, 50/60 Hz, 6V/2A (for RS232)

MODELS

INTERFACE VERSIONS: RS232, Keyboard Wedge, USB

COLOR VERSIONS: Black, White

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