

C-41S

CCD Barcode Scanner



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 five foot drop to concrete
- IP 42 rating against dust and moisture
- Trigger modes: manual and auto-trigger
- Compact size and weight: 2.2" x 6.06" x 1.33" (WxLxD) and 1.9 ounces
- Communication interface: USB or RS232
- Available in black or white (the white version is antimicrobial)
- Backed by a two year warranty

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Product Specifications

OPERATING INDICATORS

VISUAL: 1 LED

AUDIBLE: Buzzer

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

RS-232C: DB9Pin Female connector with DC Jack for external power supply

USB: Version 2.0, HID/COM (VCP)

POWER

VOLTAGE REQUIREMENT (USB): 4.5 - 5.5V

VOLTAGE REQUIREMENT (RS-232C): 5.5 - 6.5V

BARCODE SCANNER OPTICS

LIGHT SOURCE: 1 red LED

SCAN METHOD: CCD linear sensor, 1500 pixels

SCAN RATE: 300 scans/sec

TRIGGER MODE: Manual, auto-trigger

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 (EAN 8), R>20 mm (EAN 13)

MINIMUM RESOLUTION AT PC S 0.9: 0.076 mm

DEPTH OF FIELD AT CODE 39:

5 mil (0.127) 1.57 - 3.54 in (40 - 90 mm)

6 mil (0.15 mm) 1.38 - 4.72 in (35 - 120 mm)

10 mil (0.25 mm) 0.79 - 8.66 in (20 - 220 mm)

20 mil (0.5 mm) 1.18 - 12.60 in (30 - 320 mm)

39 mil (1.0 mm) 1.77 - 23.62 in (45 - 600 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) (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:

Operation: 32 to 122 °F (0 to 50 °C)

Storage: -14 to 140 °F (-20 to 60 °C)

HUMIDITY:

Operation: 5 - 95% (non-condensing)

Storage: 5 - 95% (non-condensing)

AMBIENT LIGHT IMMUNITY: 10,000 lx

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): 2.2 x 1.33 x 6.06 in (55.9 x 33.8 x 154 mm)

WEIGHT BODY: Ca. 1.9 oz (55 g) (excl. cable)

CASE: ABS, black or white (the white version is antimicrobial)

REGULATORY AND SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS, IEC 62471, EN 61000, EN55022, EN55024

ENCLOSED ITEMS

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



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