

C37

Barcode CCD Scanner

USB (HID)

USB (VCP/COM)

RS232

Keyboard Wedge



+ Features & Benefits

- Affordable, durable and reliable—a proven performer
- Scanner contains no moving parts
- Enhanced decoding algorithms for ultra-fast (200 scans/second) barcode scanning
- Survives 5 foot drop to concrete
- Rugged IP54 rating – comprehensive sealing against dust and moisture
- Trigger modes: manual and auto-trigger
- RS232, Keyboard Wedge or USB available
- Available in black or white
- Compact size and weight – 2.95”W x 5.91”L x 2.09”D and 3.2 ounces
- Backed by a two year warranty

Operating Indicators

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

Operating Keys

- Entry options:
 - 1 scan key

Communication

- RS232: DB9 PTF connector with external power supply
- Keyboard Wedge: MiniDIN6 F/M connector
- USB: Ver. 1.1, HID/VCP, USB-A connector

Power

- Voltage requirement:
 - Keyboard Wedge & USB: 5V ± 10%
 - RS232: 6V (min. 4.5, max. 6.6V)

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 (EAN8), R>20 mm (EAN13)
- Min. resolution at PCS 0.9: 0.125 mm / 5 mil
- Depth of field: At PCS 0.9, Code 39
 - 0 - 15 mm / 0 - 0.59 in

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-ISSN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey
- Postal Codes:
 - 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, White

Regulatory & 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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