C37
Barcode CCD scanner

RS232

Keyboard Wedge

⊷ USB

+ Related products

OPL7836
· Cabled device
· Barcode laser scanner
· RS232, Keyboard Wedge, USB

OPR2001
· Cabled device
· Barcode laser scanner
· RS232, Keyboard Wedge, USB
· With stand

OPR3001
· Cabled device
· Barcode laser scanner
· RS232, Keyboard Wedge, USB

+ Basic Product Specifications

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: 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: -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 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
· 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: Fluoresecent 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):
  75 x 150 x 53 mm / 2.95 x 5.91 x 2.09 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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