C-37

Barcode CCD Scanner

HIGHLIGHTS

200 scans per second
1.5 m drop proof
Lightweight

≡ OPTICON

C-37
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): 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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