

C-41S

Barcode CCD Scanner

HIGHLIGHTS

- Small form factor
- Integrated decoder
- 300 scans/sec
- Low power consumption



C-41S

Basic product specifications

OPERATING INDICATORS

VISUAL: 1 LED **NON-VISUAL:** Buzzer

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

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

WEDGE: PS/2 Keyboard **USB:** Ver. 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

(EAN8), R>20 mm (EAN13) **MIN. RESOLUTION AT PCS 0.9:** 0.076 mm **DEPTH**

OF FIELD: At Code 39, 40 - 90 mm / 1.57 - 3.54 in (0.127 / 5 mil), 35 - 120 mm / 1.38 - 4.72 in (0.15 mm / 6 mil), 20 - 220 mm / 0.79 - 8.66 in (0.25 mm / 10 mil), 30 - 320 mm / 1.18 - 12.60 in (0.5 mm / 20 mil), 45 - 600 mm / 1.77 - 23.62 in (1.0 mm / 39 mil)

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) (excl. 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 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: 10,000 lx **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): 55.9 x 33.8 x 154 mm / 2.2 x 1.33 x 6.06 in

WEIGHT BODY: Ca. 55 g / 1.9 oz (excl. cable) **CASE:** ABS, black, white is antimicrobial

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS, IEC62471, EN 61000, EN55022, EN55024

ENCLOSED ITEMS

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

