CABLED SCANNERS

# L-22X

## 2D CMOS Imager

### HIGHLIGHTS

360° high speed reading
Auto-trigger
Reads from LCD screens
Various interfaces
LED aiming




DRAFT

OPTICON

# L-22X

## Basic product specifications

### OPERATING INDICATORS

CPU: ARM Coretex-A7, 800MHz, 1Gbit Flash Memory VISUAL: 3 color LED NON-VISUAL: Buzzer, vibrator

### OPERATING KEYS

ENTRY OPTIONS: 1 scan key

### COMMUNICATION

RS-232C, USBCOM USB: Ver. 2.0, HID/COM, 12Mbps full speed

### POWER

VOLTAGE REQUIREMENT: 5V ± 10% (RS-232C and USBCOM) CURRENT CONSUMPTION: Max. 340mAh

### BARCODE SCANNER OPTICS

LIGHT SOURCE: warm white LED SCAN METHOD: Monochrome CMOS area sensor SCAN RATE: 100fps TRIGGER MODE: Manual, auto-trigger, stand detection READING PITCH ANGLE: ±65° READING SKEW ANGLE: ±65° READING TILT ANGLE: 360° CURVATURE: Radius > 20 mm (12-digit UPC) MIN. RESOLUTION AT CODE 39 : 0.1 mm MOTION TOLERANCE: UPC 100% at 2.54m/s MIN. PCS VALUE: 0.3 DEPTH OF FIELD AT CODE 39: 11 - 57mm / 0.233 - 2.244 in (0.127mm / 5 mil), 9 - 156mm / 0.354 - 6.141 in (0.254mm / 10 mil), 31 - 318mm / 1.221 - 12.519 in (0.508mm / 20 mil) DEPTH OF FIELD AT CODE 128: 24 - 112mm / 0.944 - 4.409 in (0.2mm / 7.9mil) DEPTH OF FIELD AT UPC: 9 - 195mm / 0.354 - 7.667 in (0.33mm / 13 mil) DEPTH OF FIELD AT PDF417: 4 - 76mm / 0.157 - 2.992 in (0.169mm / 6.7 mil), 0 - 130mm / 0 - 5.118 in (0.254mm / 10 mil) DEPTH OF FIELD AT QR CODE: 22 - 44mm / 0.866 - 1.7323 in (0.212mm / 8.3 mil), 0 - 161mm / 0 - 6.339 in (0.381mm / 15 mil) DEPTH OF FIELD AT DATA MATRIX: 22 - 48mm / 0.866 - 1.89 in (0.169mm / 6.7 mil), 2 - 96mm / 0.079 - 3.779 in (0.254mm / 10 mil)

### SUPPORTED SYMBOLOGIES

BARCODE (1D): UPC-A, UPC-E, UPC-E1, UPC-A Add-on, UPC-E Add-on, EAN-13, EAN-8, EAN-13 Add-on/EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar, Industrial 2 of 5, Interleaved 2 of 5, S-code, Code 93, Code 128, GS1-128, IATA, MSI/Plessey, UK/Plessey, Telepen, Code 11, Matrix 2 of 5 BARCODE (2D): PDF417, MicroPDF417, Codablock F, QR Code, Micro QR Code, Data Matrix (ECC 200), Maxi Code (Modes 2 to 5), Aztec Code, Chinese Sensible Code POSTAL CODE: Chinese Post Matrix 2of5, Korean Postal Authority code, Japanese Postal,Intelligent Mail Barcode, POSTNET, PLANET, Netherlands KIX Code, Australian Postal, UK Postal, 4-State Mailmark Barcode

### DURABILITY

TEMPERATURE IN OPERATION: -5 to 50 °C / 23 to 122 °F TEMPERATURE IN STORAGE: -30 to 60 °C / -22 to 140 °F HUMIDITY IN OPERATION: 0 - 90% (non-condensing, no frost) HUMIDITY IN STORAGE: 0 - 90% (non-condensing, no frost) AMBIENT LIGHT IMMUNITY: Fluorescent 10,000 lx, Direct sun 100,000 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): 165.3 × 62.2 × 31.4 mm / 6.51 x 2.45 x 1.24 in WEIGHT BODY: Ca. 150 g / 5.4 oz (excl. cable) CASE: ABS/PC, Black or White

### REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI Class B, RoHS, IEC-61000-4-2, EN55032, EN55024 (EN61000-6-1) Class-B

### ENCLOSED ITEMS

Power supply 5V (for RS232), Stand

### MODELS

INTERFACE VERSIONS: RS232, USB

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