

NLV-4001

Fixed position 1D Imager

HIGHLIGHTS

- Scan rate 300 scans/sec
- Reads high res barcodes
- Reads from LCD screens
- Single Red LED aiming beam
- IP65 rated



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Basic product specifications

OPERATING INDICATORS

VISUAL: 1 LED (red/green/orange) **NON-VISUAL:** Buzzer

COMMUNICATION

RS232: No connector. **USB:** COM/VCP, USB-A connector

POWER

VOLTAGE REQUIREMENT: 5V \pm 10% **OPERATING CURRENT:** 180mA, standby current: 50mA

BARCODE SCANNER OPTICS

ENGINE: Opticon **LIGHT SOURCE:** 624 nm visible Red LED, **SCAN METHOD:** Uni-directional scanning **SCAN RATE:** 300 scans/sec **TRIGGER MODE:** Single read, multiple read auto-trigger, serial software trigger **READING PITCH ANGLE:** -45 to 0°, 0 to +45° **READING SKEW ANGLE:** -65 to -8°, +8° to +65° **READING TILT ANGLE:** -25 to 0°, 0 to +25° **CURVATURE:** R>15 mm (EAN 8), R>20 mm (EAN 13) **MIN. RESOLUTION AT PCS 0.9:** 0.127 mm / 5 mil Min. **PCS VALUE:** 0.30 **DEPTH OF FIELD:** At PCS 0.9 Code 39, 85 - 500 mm / 3.35 - 19.69 in (1.0 mm / 39 mil), 60 - 325 mm / 2.36 - 12.79 in (0.5 mm / 20 mil), 60 - 160 mm / 2.36 - 6.30 in (0.127 mm / 5 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), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey **POSTAL CODE:** Chinese Post, Korean Postal Authority code

DURABILITY

TEMPERATURE IN OPERATION: -5 to 50 °C / 23 to 122 °F **TEMPERATURE IN STORAGE:** -20 to 60 °C / -4 to 140 °F **HUMIDITY IN OPERATION:** 10 - 90% (non-condensing) **HUMIDITY IN STORAGE:** 5 - 95% (non-condensing) **AMBIENT LIGHT IMMUNITY:** 10,000 lx max **ANTISTATIC ELECTRICITY:** 8kV (non-destructive) **DROP TEST:** 0.75 m / 2.5 ft drop onto concrete surface **PROTECTION RATE:** IP 65

PHYSICAL

DIMENSIONS (W X H X D): 33 x 24 x 41.1 mm / 1.30 x 0.94 x 1.62 in **WEIGHT BODY:** Ca. 50 g / 1.7 oz (incl. RS232C cable), Ca. 55 g / 1.86 oz (incl. USB cable) **CASE:** ABS, Black

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, RoHS IEC62471, EN55022, EN55024, FCC Part 15 Subpart B Class B, EN61000-6-1

