

NFT7345

Barcode infrared scanner

RS232

+ Related products

NFT7175

- Stationary device
- Barcode CCD scanner
- RS232
- Sheet metal, 700 scans/sec

NLV1001

- Stationary device
- Barcode laser scanner
- RS232, Keyboard Wedge, USB (HID/VCP)
- IP 43, ABS

NLB1000

- Stationary device
- Barcode laser scanner
- RS232, USB (VCP)
- IP 54, Metal diecast, 1000 scans/sec



Operating indicators

- Visual: 1 LED (red/green/orange)
- Non-visual: Buzzer

Communication

- RS232: DB25 PTF connector with external power supply

Power

- Voltage requirement: 5V $\pm$ 5%
- Current consumption: 240mA (typical use)

Barcode scanner Optics

- Light source: infrared LED 880 nm
- Scan method: CCD linear sensor
- Scan rate: 200 scans/sec
- Trigger mode: Multiple read, serial software trigger
- Reading pitch angle: -6 to 0°, 0 to +6°
- Reading skew angle: -25 to 10°, +10 to +25°
- Reading tilt angle: -10 to 0°, 0 to +10°
- Focal plane: 35.4 mm / 1.39 in
- Min. resolution at PCS 0.9: 0.15 mm / 6 mil
- Min. PCS value: 0.6
- Depth of field:
Ca. 30.4 - 42.4 mm / 1.20 - 1.67 in
(Ca. -5 to +5 mm from focal plane)

Supported Symbologies

- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, GS1-128 (EAN-128), IATA, Industrial 2of5, Interleaved 2of5, MSI/Plessey

Durability

- Temperature in operation: -10 to 60 °C / 14 to 140 °F
- Temperature in operation: 0 to 40 °C / 32 to 104 °F
- Humidity in operation: 20 - 85% (non-condensing)
- Humidity in storage: 20 - 90% (non-condensing)
- Ambient light immunity: Fluorescent 2,500 lx max, Direct sun 800 lx max, Incandescent 1,000 lx max
- Antistatic electricity: 15kV (non-destructive)
- Drop test: 0.75 m / 2.5 ft drop onto concrete surface
- Vibration test: 10 - 100 Hz with 2G for 3 hours

Physical

- Dimensions (w x h x d):
47 x 20 x 55 mm / 1.85 x 0.79 x 2.17 in
- Weight body: Ca. 100 g / 3.5 oz (excl. cable)
- Case: Sheet metal, Black

Regulatory & Safety

- Product compliance: CE, FCC, VCCI, RoHS

Sold separately

- Power supply 230V, 50 Hz, 5V/500mA (for RS232)

Copyright Opticon. All rights reserved. This information is subject to change without prior notice. For availability, contact your local representative.

- **The Netherlands:** Hoofddorp
- **France:** Issy Les Moulineaux
- **Germany:** Dietzenbach
- **Italy:** Castel Maggiore (BO)
- **Spain:** Valencia
- **Sweden:** Järfälla
- **United Kingdom:** Luton, Bedfordshire
- **U.S.A.:** Renton, WA
- **Japan:** Warabi City

- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** Kariang
- **Brazil:** São Paulo

Opticon Sensors Europe B.V
European headquarters
Opaallaan 35
2132 XV Hoofddorp
The Netherlands
phone: +31 (0)23-5692700
fax: +31 (0)23-5638266
email: sales@opticon.com
internet: www.opticon.com

OPTICON
WWW.OPTICON.COM