Description

NOTIFICATION **DISCONTINUED** | *Alternatives can be found under the 'Related products' tab, or contact us for assistance.*
The information below is for reference purposes only.

1D barcode Bluetooth IPX2
Model : **Opticon OPL-2724 (11437)**
Groep : *Data collector - Pocket Memory Scanner with Bluetooth*
Datasheet: Opticon OPL2724
Opticon OPL2724 is a pocket-sized laser barcode scanner with a Bluetooth interface. It is the ideal tool for data collection when running mobile applications on Smartphones, PDAs or other mobile computing devices.

Product Features

Bluetooth interface
The use of the widely available and reliable Bluetooth wireless communication protocol allows the scanned data to be instantly transmitted to any mobile device with Bluetooth capability, thus allowing real-time data processing on a wide range Bluetooth enabled devices.

Designed for Mobility
The compact size and light weight of the Opticon OPL 2724 (4 cm width, 10 cm length, 50 grams) creates an ideal tool for mobile operations. To ensure continuous uptime, this scanner is powered by standard LR-3 (AAA) batteries.

One button operation
Operating the Opticon OPL2724 is very straight-forward – scan a barcode and it is immediately sent to the connected Bluetooth device. This simple method allows for real-time data collection with minimal training and leaves end-users to focus on the business.

Onboard Data Backup
Scanned data is stored onboard the Opticon OPL2724 in case the Bluetooth receiver moves out of range or is temporarily down thus preventing data loss as well time lost trying to retrace steps. Doing tasks once is the purpose of this tool and the Opticon OPL2724 enables users to do just that.

Specifications

- Opticon OPL-2724 Wireless barcode scanner **(Project item)**
- Article number: 11437 Opticon OPL-2724 incl 2 x AAA / LR3 size Battery

Electrical specifications

- Main dry cell battery: 2 x AAA / LR3 size Battery
- Main dry cell battery operating time: ca. 30 days (100 scan / 1 day), ca. 48 hours (1 scan / 5 sec.)
- Main battery condition: Operation at normal temperature. Connect Bluetooth only when transmitting data.

Optical specifications

- Light source: 650 nm visible laser diode

- Scan rate: 100 scans/sec
- Reading pitch angle: -25 to 0°, 0 to +25°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: -20 to 0°, 0 to +20°
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Min. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45
- Depth of field (view drawing)
- Depth of field: at PCS 0.9 Code 39
- 70 - 185 mm / 2.76 - 7.28 in (res. 1.0 mm / 39 mil),
- 50 - 160 mm / 1.97 - 6.30 in (res. 0.5 mm / 20 mil),
- 50 - 120 mm / 1.97 - 4.72 in (res. 0.25 mm / 10 mil),
- 50 - 70 mm / 1.97 - 2.76 in (res. 0.15 mm / 6 mil)

Communication specifications

- Interface Bluetooth: Ver. 1.2
- Output power level: Class 2
- Frequency: 2.4 GHz
- Profile: GAP, SPP
- Operation range: 10 m
- Connection mode: 1 to 1
- Operation mode: master, slave
- Low power mode: park, sniff, hold
- Security mode: authentication with encryption

Identification

- Supported 1D barcode Symbologies: JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic, Composite codes
- Supported 2D barcode Symbologies: MicroPDF417, PDF417

Functionality

- Trigger mode: manual
- Memory FlashROM: 256 kB
- Memory RAM: 32 kB SRAM
- Microprocessor: 16-bit CISC CPU

Environmental specifications

- Temperature in operation: -5 to 50 °C / 23 to 122 °F
- Temperature in storage: -10 to 60 °C / 14 to 140 °F
- Humidity in operation: 30 - 80 % (non-condensing)
- Humidity in storage: 20 - 90 % (non-condensing)
- Ambient white light rejection: 3,000 lx max.
- Ambient direct sun light rejection: 50,000 lx max.
- Ambient incandescent light rejection: 3,000 lx max.
- Shock drop test: 1.5 m / 5 ft drop onto concrete surface
- Protection (dust and moisture, IEC529): IP X2

Physical specifications

- Dimensions: 96 x 40 x 22 mm / 3.78 x 1.57 x 0.86 in (view drawing)
- Weight body: Ca. 50 g / 1.8 oz

Regulatory

- Laser safety class: JIS-C-6802 Class 1, IEC 60825-1 Class 1, FDA CDRH Class I
- EMC / Product compliance: CE, FCC, VCCI, RoHS
- R&TTE: EN300 328, EN307 489

Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

Downloads

- Click to download Universal Menubook (605kb)
- Brief setup manual for Wireless scanners (76Kb)

Enclosed items

- 2 x AAA / LR3 size Battery Article number : 90002

Accessories
Sold separately

- Handstrap **Article number : 10225**
- Universal Menubook **Article number : 10961**