

The OPL 9725 is equipped with just one key allowing easy and straight use. This model is as standard equipped with integrated barcode laser scanner, 128 kB memory, a real-time clock and supplied with a rechargeable battery.

DATA COLLECTOR

# OPL 9725

Barcode data collector with single key and IrDA interface



## Features

- One button operation
- Small size and light weight
- Flash ROM memory
- RAM memory
- IrDA interface
- IP 54 Protection

## Benefits

- Plain and simple use
- Easy to carry
- Provides program storage
- Provides data collection storage
- Optical data transmission to cradle
- Enables outdoor use

Cabled

Wireless

Stationary

OEM

**OPTICON**  
always scanning for new ID's

# Specifications

## OPL 9725 Barcode data collector with single key and IrDA interface

### Electrical specifications

Main battery pack: Li-Ion rechargeable 3,7 V / nom. 600 mAh
Main battery pack operating time: When making every 5 seconds 1 scan with 1 sec laserbeam on and 0.2 sec. green LED on and 0.2 sec. buzzer on, operating time is: approx. 200 hours
Main battery condition: Different operation conditions affect the operating time
Backup battery: Lithium rechargeable 3,5 mAh
Backup battery operating time: > 1 week backup
Battery management: When battery is low the data collector switches off automatically.
Charging method: The main battery in data collector will be charged through the cradle. The backup battery will be charged by the main battery.

### Optical specifications

Light source: 650 nm visible laser diode
Scan method: vibrating mirror
Scan rate: 100 scans/sec
Decode rate: 100 decodes/sec
Reading angle: effective 44°
Reading pitch angle: +8 - +50° / -8 - -50°
Reading skew angle: ± 25°
Reading rotation angle: 20°
Reading width: 45 - 320 mm, depending on reading distance and bar code label resolution
Min. Resolution at PCS 0.9: 0.15 mm (6mil)
Min. PCS value: 0.45
Depth of field: 60 - 300 mm (UPC PCS0.9, resolution 1.00), 35 - 210 mm (UPC PCS0.9, resolution 0.5), 35 - 120 mm (UPC PCS0.9, resolution 0.25), 35 - 70 mm (UPC PCS0.9, resolution 0.15)

### Identification

Supported barcode symbologies (1D): Chinese Post - Codabar incl. ABC and CX - Code 39 - Code 39 Full ASCII - Code 93 - Code 128 - EAN-8 incl. +2,+5 - EAN-13 incl. +2,+5 - EAN-128 - IATA - Industrial 2of5 - Interleaved 2of5 - Italian Pharmaceutical - ISBN - ISSN - Matrix 2of5 - MSI/Plessey - UK/Plessey - RSS-14 - RSS Limited - RSS Expanded - Telepen - UPC-A incl. +2,+5 - UPC-E incl. +2,+5
Optional symbologies: MicroPDF417 - PDF417 (if supported in application)

### Functionality

Trigger mode: manual
Memory FlashROM: 512 kB (O/S and program)
Memory RAM: 128 kB (data storage) / optional 512 KB
Microprocessor: 16-bit
Real time clock: Quartz RTC, time and date programmable, leap year handling, (accuracy +/- 60 sec./month)
Keyboard : 1 key
Programming: Functionality is provided by user application.

### Communication specifications

Transmission speed IrDA: baudrate: 2400 - 115200 bps
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### Environmental specifications

Temperature in operation: -5 - +40 °C
Temperature in storage: -20 - +60 °C
Humidity in operation: 20 - 80 % (non condensing)
Humidity in storage: 20 - 90 % (non condensing)
Ambient fluorescent light immunity: 3.000 lux max
Ambient white light immunity: 3.000 lux max
Ambient direct sun light immunity: 50.000 lux max
Shock drop test: 1.5 m drop onto concrete surface
Shock vibration test: 12 - 100 Hz with 2G for 1 hour
Protection (dust and moisture, IEC529): IP 54

### Physical specifications

Dimensions: (l x w x d) 125 x 42 x 19 mm
Case material: ABS
Weight body: < 85 g

### Regulatory

Laser safety class: IEC 825, Class I laser product
EMC: EN 55022, EN 55024

- <b>The Netherlands:</b> Hoofddorp	- <b>Taiwan:</b> Taipei
- <b>France:</b> ISSY Les Moulineaux CEDEX	- <b>P.R.China:</b> Shanghai
- <b>Germany:</b> Mainhausen	- <b>Australia:</b> Lane Cove
- <b>Italy:</b> Castel Maggiore (BO)	
- <b>Spain:</b> Valencia	
- <b>Sweden:</b> Järfälla	
- <b>United Kingdom:</b> Luton, Bedfordshire	
- <b>U.S.A.:</b> Orangeburg	
- <b>Japan:</b> Warabi City	

Opticon Inc.  
8, Olympic Drive  
Orangeburg NY 10962 - 2511  
U.S.A.  
phone: toll free: 800-636-0090  
local: 845-365-0090  
fax: 845-365-1251  
email: [opticon@opticonUSA.com](mailto:opticon@opticonUSA.com)  
internet: [www.opticon.com](http://www.opticon.com)

[www.opticon.com](http://www.opticon.com)

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