

OPL 9723/24

FEATURES

- Bluetooth™ wireless technology
- IrDA wireless interface
- LCD Display
- Small size and lightweight
- Three key operation
- 100 scan/sec laser scanning
- Real-time clock
- Programmable flash ROM and RAM memory
- Single or Multi slot communication and charging cradle
- Software Development Kit

The OPL 9723/9724 now makes data capture easy for everyone! Small and lightweight, these handheld laser terminals collect your information at an impressive 100 scans per second.

With enough memory to accommodate an entire day of scanning, the OPL is handy for doing price comparisons while shopping, gathering market research data, creating lists or numerous other home or professional data collection tasks. An integral real-time clock enables each record to be tagged with a date/time stamp for accuracy.

The LCD display, provided with both models, allows easy readability of as many as 10 lines of information. Three-key operation permits user definable functions to be created and stored to simplify repetitive tasks.

The OPL 9724 features Bluetooth™ wireless communication which permits cable free portability. Collect your information in a remote location such as a store or warehouse and return to your desired Bluetooth™ equipped device such as a PDA, mobile printer, tablet PC or cellular phone for wireless download of your data.

OUR PROMISE

At Opticon, our mission is to provide bar code scanning products that are easy to use, built-to-last, fit your exact requirements and are supported by an experienced, responsive team of professionals. We believe that accomplishing our mission is dependent upon operating with a set of important core values—Passion, People, Creativity and Teamwork. All our employees work to understand and apply these values in everything that they do.



Single Slot Cradle



Multi Slot Cradle

PORTABLE LASER DATA COLLECTOR

GAP, SPP and DUN Bluetooth™ profiles are supported. The same wireless functionality is available through IrDA interface on the OPL 9723 and OPL 9724.

Various cradle products are available to provide charging or charging with communications options. The IrDA interface within the cradle allows data transfer when the scanner is inserted for charging. A simple charging only cradle is the right choice if all communications will be accomplished through wireless Bluetooth™ when using the OPL 9724. The multiple station cradle permits charging of up to 5 terminals simultaneously. You can also daisy chain up to 16 cradles to a single host computer to form a network.

A backup battery enables extended use between recharging cycles because it allows the storage of data even after the rechargeable batteries have been drained.

Custom applications can be developed using the available Software Development Kit (SDK).

The rugged OPL 9723/24 is designed to meet IP 54 standards for dust and moisture intrusion.

"Because our scanners perform a vital task, we chose Opticon."

OPL 9723/24 PORTABLE LASER DATA COLLECTOR

OPTICAL

Light Source	Visible Laser Diode, $\lambda = 650$ nm
Scan Rate	100 scans/sec
Reading Range	1.4" – 8.2"/20 mil
Reading Width	1.8" at 1.4" from window 6.9" at 8.2" from window

ELECTRICAL

Main Battery Pack	LiON rechargeable 600 mAh
Main Battery Life	200 hours at 12 scans/min
LiON Recharging Time	3 hours
Back-up battery	Lithium rechargeable
Back-up battery life	72 hours
Interface	IrDA V1.2 Bluetooth™ V1.1 on OPL 9724

ENVIRONMENTAL

Temperature	
Operating	0° to +40° C (+32° to +104° F)
Storage	-20° to +60° C (-4° to +140° F)
Humidity (non-condensing)	
Operating	20 to 80%
Storage	20 to 90%
Drop Test	4.9' drop on concrete
Regulatory	IEC 825, Class 1 laser product CE Certified, FCC part 15 Class B ISO 9002 certified mfg. facility

PHYSICAL

Case Material	ABS Plastic
Dimensions	125 x 44 x 19 mm (4.9 x 1.7 x 0.75 in)
Weight	85 g (3 oz)

CRD 9722 SINGLE SLOT CHARGING CRADLE

Case Material	ABS Plastic
Dimensions	72 x 99 x 67 mm (2.8 x 3.9 x 2.6 in)
Weight	85 g (3 oz)

CRD 9723RS SINGLE SLOT COMMUNICATION & CHARGING CRADLE

Communications	RS232
Connector	RS232C (RJ10)
Case Material	ABS Plastic
Dimensions	72 x 99 x 67 mm (2.8 x 3.9 x 2.6 in)
Weight	85 g (3 oz)

CRD 9723 RU5 MULTIPLE (5 SLOT) COMMUNICATION & CHARGING CRADLE

Communications	RS232 & USB RS485 (For daisy chaining)
Connector	Two RS232C (RJ10), USB B (Female) & RS485 (6 pin modular)
Case Material	ABS Plastic
Dimensions	310 x 95 x 71 mm (12.2 x 3.7 x 2.8 in)
Weight	335 g (11.81 oz)

FUNCTIONALITY

Memory	128 Kb RAM for data 512 Kb flash ROM for OS & application
Microprocessor	16-Bit
Real Time Clock	Quartz RTC, time and date programmable, leap year handling (± 60 sec/month)
Display	112 x 64 Pixel graphic LCD 4 or 8 lines x 14 characters 5 or 10 lines x 18 characters
Keypad	3 keys (user definable)
Programming	Download from PC via cradle, IrDA or Bluetooth™

SYMBOLOGIES

Chinese Post 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, EAN, EAN-UCC Composite (CC-A, B & C), IATA, Industrial 2 of 5, Interleaved 2 of 5, Italian Pharmaceutical, Matrix 2 of 5, MicroPDF, MSI Plessey, PDF417, RSS-14, RSS-Limited, RSS-Expanded, S Code, Telepen, Trioptics, UK Plessey, UPC A & E.

BLUETOOTH™ (OPL 9724)

Bluetooth™ Compliance	Version 1.1
Operating Frequency	2.4 to 2.4835 GHz
Profile Supported	Serial Port Profile (SPP) Generic Access Profile (GAP) Dial-up Networking (DUN)
Antenna	Internal
Data Rate	Up to 723 kb/s
Operating Range	10 m (32.8 ft.), Class 2 radio

ORDERING INFORMATION

Description	Part Number
OPL 9723 Data Collector Kit	OPL-9723-SK1
OPL 9724 Data Collector Kit	OPL-9724-SK1
OPL 9723 Data Collector	OPL9723-00
OPL 9724 Data Collector	OPL9724-00
Single Charging Cradle Kit	CRD-9722-SK1
Single Charging/Communication Cradle Kit	CRD-9723RS-SK1
Multiple(5) Charging/Communication Cradle Kit	CRD-9723RU5-SK1
Holster with swivel clip	28-OPLHOLST-01
RS232 to USB Adapter	41-USB0015-01

DEVELOPMENT TOOLS

Description	Part Number
SDK (Compiler & Libraries)	OPLSDK01-01

WARRANTY

Opticon laser-based products are warranted for a period of one (1) year, including parts and workmanship. Visit our web site for details.

TECHNICAL SUPPORT / SALES

Opticon's experienced, well trained technical support team is available to answer questions and assist you in every way possible in support of our products. Call today to find out how the imager can be adapted to your design: 800.636.0090, or visit our web site at www.opticonUSA.com.

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Specifications subject to change without prior notice.

OPTICON, INC.

8 Olympic Drive Orangeburg, NY 10962
Toll Free 800.636.0090 Tel 845.365.0090 Fax 845.365.1251

www.opticonUSA.com

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