



OPL 9700 series

bar code data collector

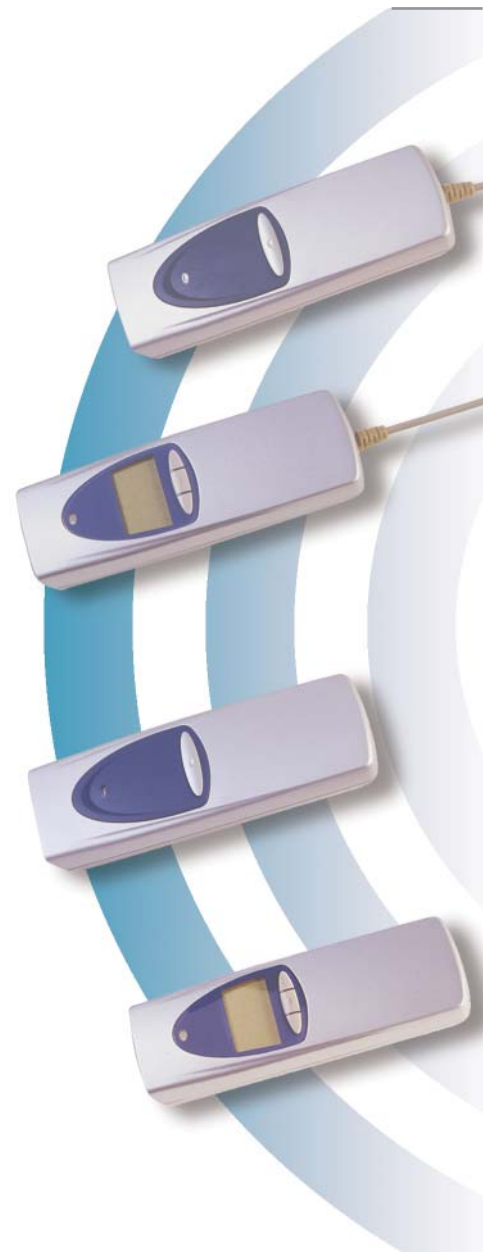
For specific custom made purposes the OPL 9700 series offers a choice in models. Its fundament is based on a similar design, however the adaptations are different and suitable for several types of customized applications.

OPL 9720: scanner with RS232 interface
Collected data: barcodes
Data transmission: direct cable
Functionality: 1 (trigger)button / good read LED

OPL 9723: extended datacollector with IrDa interface
Collected data: barcodes
Data transmission: wireless (IrDa)
Functionality: 3 buttons / display / good read LED / memory
Programmability: by customized application

OPL 9724: extended datacollector with bluetooth interface
Collected data: barcodes
Data transmission: wireless (bluetooth)
Functionality: 3 buttons / display / good read LED / memory
Programmability: by customized application

OPL 9725: basic datacollector with IrDa interface
Collected data: barcodes
Data transmission: wireless (IrDa)
Functionality: 1 (trigger)button / good read LED / memory
Programmability: by customized application



SPECIFICATIONS bar code data collector

Electrical specifications

Main battery	rechargeable pack: Lithium
Backup battery	Lithium
Charging method	Rechargeable Lithium pack in data collector will be charged through the cradle

Optical specifications

Light source	650 nm visible laser diode
Scan rate	100 scans/sec
Decode rate	100 decodes/sec
Reading width	62 mm at 30 mm 111 mm at 100 mm
Resolution at PCS 0,9	0.15 mm (6mil)
Depth of field	<input type="checkbox"/> 35 ~ 360 mm (UPC PCS0.9, resolution 1.00) <input type="checkbox"/> 35 ~ 250 mm (UPC PCS0.9, resolution 0.50) <input type="checkbox"/> 35 ~ 150 mm (UPC PCS0.9, resolution 0.25) <input type="checkbox"/> 35 ~ 100 mm (UPC PCS0.9, resolution 0.15)

Supported symbologies

Chinese Post
Codabar ABC and CX
Code 39
Code 93
Code 128
EAN-8 incl. +2,+5
EAN-13 incl. +2,+5
EAN-128
IATA
ISBN
ISSN
Industrial 2of5
Interleaved 2of5
Italian Pharmaceutical
Laetus
Matrix 2 of 5
MSI/ Plessey
UK/ Plessey
Telepen
S-Code
UPC-A incl. +2,+5
UPC-E incl. +2,+5

Functionality

Memory	<input type="checkbox"/> FlashROM (for O/S and program): 256 kB <input type="checkbox"/> battery backed up S-RAM (for data): 128 kB
Microprocessor	16-bit
Real time clock	Quartz RTC, time and date programmable, leap year handling, (accuracy + 60 sec./month)
Display	graphic LCD
Keyboard	<input type="checkbox"/> model without display: 1 function key (trigger key) <input type="checkbox"/> model with display: 3 function keys, (1 trigger key and 2 navigation keys)
Trigger mode	Manual
Programming	Functionality is provided by user application. The application may be downloaded from PC via cable, com port or IrDA.

Environmental specifications

Temperature	<input type="checkbox"/> -10 - 40 °C in operation <input type="checkbox"/> -20 - 60 °C in storage
Humidity (non condensing)	<input type="checkbox"/> 10 - 90 % in operation <input type="checkbox"/> 5 - 95 % in storage
Shock: drop:	1.5 m drop onto concrete surface
Shock: vibration:	12 - 100 Hz with 1G for 180 min, cycle for X,Y,Z.
Ambient light rejection	<input type="checkbox"/> fluorescent 3.000 lux max. <input type="checkbox"/> direct sun 50.000 lux max.
Emission	According to EN50081, part 1
Immunity	According to EN50082, part 1
Protection against dust and moisture	According to IEC529, IP 54
Safety, Laser class	According to IEC825, Class I laserproduct

Physical specifications

Dimensions (l x w x d)	125 x 42 x 19 mm
Case material	ABS
Weight	body (incl. battery, excl. display): < 85 g

SPECIFICATIONS cradle

Physical specifications

Dimensions (h x w x d)	exl. scanner: 65 x 72 x 97 mm incl. scanner: 122 x 72 x 97 mm (exl. cable and operation space)
Case material	ABS
Weight	< 85 g

PRELIMINARY
PRODUCT
INFORMATION

Preliminary specifications are subject to change without notice. Printed 10-2001

The Netherlands Hoofddorp - France Issy Les Moulineaux Cedex - Germany Mainhausen
Italy Padova - Sweden Järfälla - U.K. Banbury, Oxon
Australia Lane Cove - Japan Ashibetsu - Warabi - Osaka - Taiwan Taipei - U.S.A. Orangeburg

OPTICON