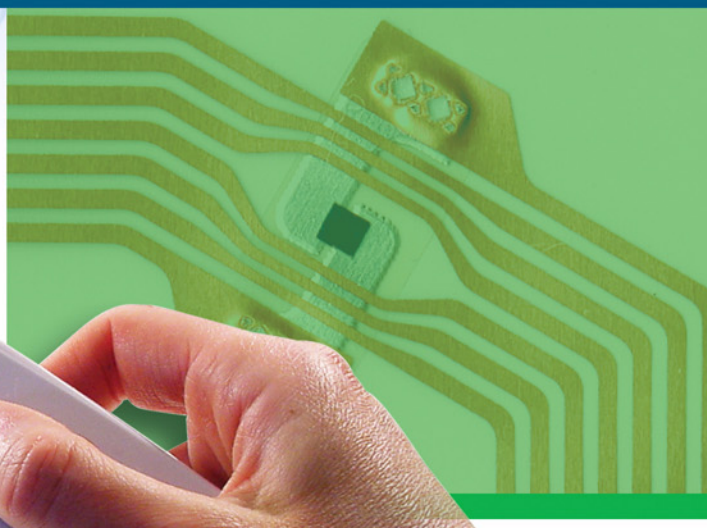
The ORF 9723 RF-ID data collector is equipped with 3 keys and a graphical display. This model is as standard equipped with integrated RF-ID reader/RF-ID writer, 128 kB memory, a real-time clock and supplied with a rechargeable battery.

Data collector

ORF 9723

RF-ID data collector with tripple key and display and IrDA interface



Features

- Three buttons operation
- LCD display
- Small size and light weight
- Flash ROM and RAM memory
- IrDA interface
- IP 54 Protection

Benefits

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

Cabled **Wireless** Stationary OEM

OPTICON
always scanning for new ID's

Specifications

Preliminary

ORF 9723 RF-ID data collector with tripple key and display 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 RF-ID reading on and 0.2 sec. green LED on and 0.2 sec. buzzer on, operating time is: approx. 29 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.

RF-Identification specifications

Frequency	13.56 MHz
Frequency optional	on request 134.2 kHz / 125 kHz, Low frequency

Identification

Supported RF tags	13.56 MHz version: ISO/IEC 15693 - Philips I-Code - (on request: Gemplus GEM wave)

Functionality

Trigger mode	manual by trigger key
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)
Display	112x64 Pixels graphic LCD
Character fonts	min. 4 lines x 14 characters, max. 10 lines x 18 characters
Keyboard	3 keys total (user definable)
Keyboard function keys	2 function keys
Programming	Functionality is provided by user application.
Transmission speed IrDA	baudrate: 2400 - 115200 bps

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)
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

EMC	EN 55022, EN 55024
R&TTE	EN 300-330

CRD 972X Cradle for OPL 972X

Electrical specifications

Voltage requirement	6 V DC, +/- 10%

Physical specifications

Dimensions	(h x w x d) (excl. cable and operation space) single cradle: excl. collector 65 x 72 x 97 mm, incl. collector 122 x 72 x 97 mm, multi cradle: excl. collector 65 x 310 x 97 mm, incl. collector 122 x 310 x 97 mm
Case material	ABS
Weight body	single cradle: ca. 85 g, multi cradle: ca. 335 g

Models

charging	CRD-9722-CHARGER
communication/charging	CRD-9723(-RU)
multiple charging / single communication (5/1)	CRD-9723-RU1
multiple charging / multiple communication (5/5)	CRD-9723-RU5

Regulatory

EMC	EN 55022, EN 55024

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