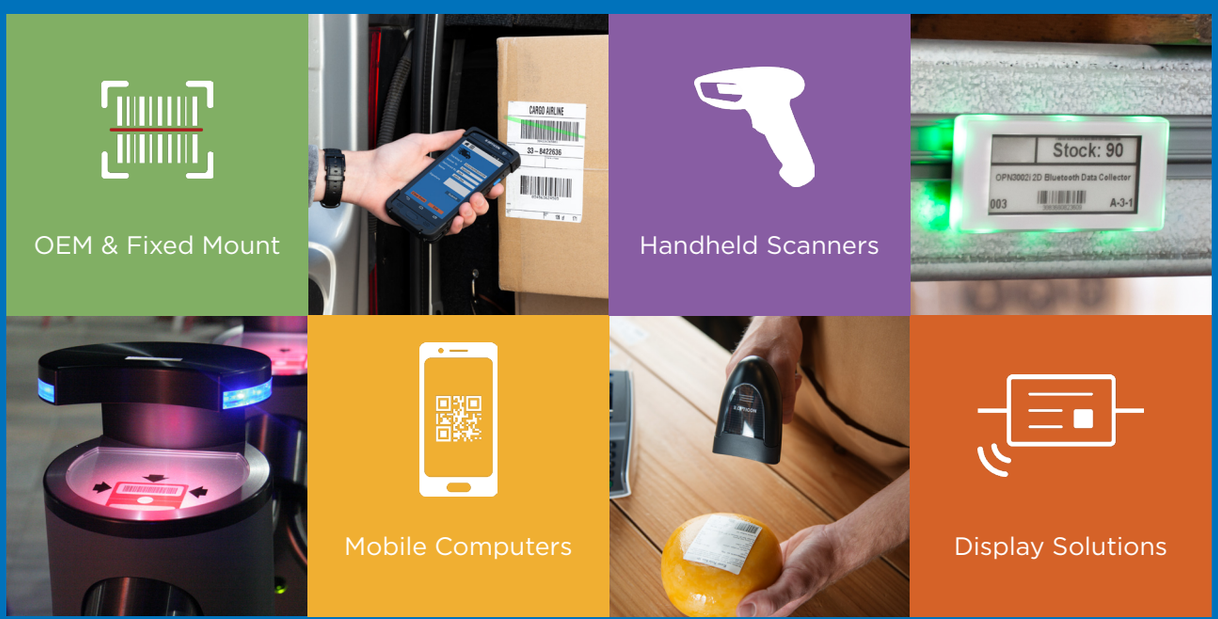
Product Range

2021/2022



OPTICON

Table of Contents

Handheld Scanners 3
- Cabled Scanners 4
- Wireless Scanners 7
- Companion Scanners 8

Mobile Computers 11
- Windows Mobile Computers 12
- Android Mobile Computers 13
- Proprietary Mobile Computers 15

OEM & Fixed Mount 18
- Fixed Mount Scanners 19
- Scan Engines 20

Display Solutions 22
- ESL 23
- Full Color Displays 26

Copyright Opticon. All rights reserved. This information is subject to change without prior notice.
For availability contact your local representative.

Handheld Scanners

Quick, intuitive and modern. Both our handheld and companion scanners are designed to be lightweight and easy to use, letting you quickly start scanning to improve your data management. Our technology enables quicker, more accurate scanning and it even reads barcodes from smartphones and computer screens. Also damaged barcodes are no challenge for our devices.

Collecting scanned barcode data with your laptop, tablet or smartphone is made easy with the extensive companion scanners range. All these devices are extremely small and lightweight, making them easy to carry or store in a pocket.

All Opticon's handheld scanners come with a 2-year warranty and international service support.

Opticon handheld scanners power:

- Patient administration
- On-counter scanning
- Data reporting
- Price checking
- Hands-free scanning
- Inventory management
- Asset tracking
- and many other applications

Cabled Scanners

C-37 CCD

Barcode CCD Scanner
Weight: Ca. 90 g / 3.2 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Hand scanner

C-37-WHT-USB	12309
C-37-BLK-RS232	12305
C-37-BLK-USB	12306

L-50C CCD

Barcode CCD Scanner
Weight: Ca. 145 g / 5.1 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Pistol grip scanner

L-50C-USB-BLK-STD	13750
RS232-CABLE-BLK	14001
USB-CABLE-BLK	13774

C-41S CCD

Barcode CCD Scanner
Weight: Ca. 55 g / 1.9 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Hand scanner

C-41S-USB-HID-BLK	13894
C-41-USB-HID-AM-V-WHT	13673

OPL-6845S Laser

Barcode Laser Scanner
Weight: Ca. 75 g / 2.5 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Hand scanner

OPL-6845S-BLK-USB+STD	14164
OPL-6845S-WHT-AM-USB+STD	14298
RS232-CABLE-BLK-2M	14160

L-50R Laser

Barcode Laser Scanner
Weight: Ca. 145 g / 5.1 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Pistol grip scanner

RS232-CABLE-BLK	14001
USB-CABLE-BLK	13774

OPR-3201Z Laser

Barcode Laser Scanner
Weight: Ca. 80 g / 2.8 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Pistol grip scanner

OPR-3201Z-BLK+STD-USB	11789
OPR-3201Z-BLK+STD-RS232	* 11843
OPR-3201Z-BLK-RS232C	* 11842
OPR-3201Z-WHT+STD-USB	11795

L-46R Laser

Barcode Laser Scanner
Weight: Ca. 112 g / 3.9 oz
Drop proof: 1.8 m / 6 ft.
Ergonomics: Pistol grip scanner

L-46R-USB-BLK-STD	14008
L-46R-USB-WHT-STD	14060
USB-CABLE-BLK-2M	14140
RS232-CABLE-BLK-2M	14142
RS232-CABLE-WHT-2M	* 14143

OPR-2001Z Laser

Barcode Laser Scanner
Weight: Ca. 60 g / 2.1 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Hand Scanner

OPR-2001Z+STD-USB	11645
OPR-2001Z+STD-RS232	11646

M-10 2D

2D CMOS Imager
Omni-directional
Scan rate: Up to 60 fps
Size: 72 x 70 X 139 mm (wxdxh)
Ergonomics: Presentation scanner

M-10-USB-BLK	13356
M-10-USB-WHT	* 13440
M-10-RS232-BLK	* 13653
M-10-RS232C-WHT	* 13441
RS232-CABLE-BLK-2M	13695
RS232-CABLE-WHT-2M	* 13696
USB-CABLE-BLK-2M	14044

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

M-11

2D

2D CMOS Imager
Omni-directional
Scan rate: Up to 120 fps
Size: 84.4 x 48 x 124.4 mm (wxdxh)
Ergonomics: Presentation scanner

M-11-BLK-USB	14294
RS232-M-11-CABLE-BLK-2.1M	14499

L-51X

2D

2D CMOS Imager
Weight: Ca. 145 / 4.9 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Pistol grip scanner

L-51X-USB-BLK-STD	13957
USB-CABLE-BLK-2M	13774
RS232-CABLE-BLK	14001

OPI-3601

2D

2D CMOS Imager
Weight: Ca. 85 g / 3.0 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Pistol grip scanner

OPI-3601-BLK-USB-HID+STD	13084
OPI-3601-BLK-RS232+STD	* 13083

L-22X

2D

2D CMOS Imager
Weight: Ca. 77 g / 2.7 oz
Drop proof: 1.5 m / 5 ft.
Ergonomics: Hand scanner

L-22X-USB-BLK-STD	14009
L-22X-USB-WHT	** 14310
RS232-CABLE-BLK-2M	14160

L-46X

2D

2D CMOS Imager
Weight: Ca. 112 g / 3.9 oz
Drop proof: 1.8 m / 6 ft.
Ergonomics: Pistol grip scanner

L-46X-USB-BLK-STD	14007
L-46X-BLK-RS232C+PS+STD	14072
L-46X-USB-WHT-STD	* 14059
L-46X-USB-WHT-STD US	* 14606
USB-CABLE-BLK-2M	14140
RS232-CABLE-BLK-2M	14142
RS232-CABLE-WHT-2M	* 14143

* Subject to minimum order quantities. ** Product discontinued stock is still available

Cabled Scanners Accessories

C-37

Power supply RS232
Enclosed: No
Art. code: 10991

L-50R

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 10991

OPR-2001Z

Stand
Enclosed: Yes
Art. code: 11647

Power supply RS232
Enclosed: No
Art. code: 10991

L-22X

Stand
Enclosed: Yes (Except for white edition)

Power supply RS232
Enclosed: No
Art. code: 11052

L-51X

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 11052

OPR-3201Z

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 10991

L-46R

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 11052

OPI-3601

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 10991

M-11

Stand
Enclosed: No
Art. code: 14590

Power supply RS232
Enclosed: No
Art. code: 11052

L-46X

Stand
Enclosed: Yes

Power supply RS232
Enclosed: Yes
Art. code: 11052

OPL-6845S

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 11052

L-50C

Stand
Enclosed: Yes

Power supply RS232
Enclosed: No
Art. code: 10991

M-10

Power supply RS232
Enclosed: No
Art. code: 10991

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Wireless Scanners

OPC-3301i

CCD

Barcode CCD Scanner
Weight: Ca. 127 g / 4.3 oz
Bluetooth
MFi certified
Ergonomics: Pistol grip scanner

OPC-3301i-BLK	13724
CHG-3201-BLK	13726

OPI-3301i

2D

2D CMOS Imager
Weight: Ca. 132 g / 4.5 oz
Bluetooth
MFi certified
Ergonomics: Pistol grip scanner

OPI-3301i-BLK	13725
CHG-3201-BLK	13726

Wireless Scanners Accessories

OPC-3301i

CHG-3201 BLK
Enclosed: No
Art. code: 13726

CRD-3301B
Enclosed: No
Art. code: ** 13982

Power Supply 6V/2A
Enclosed: No
Art. code: 10991

Rechargeable Battery
Enclosed: Yes
Art. code: 13830

OPA-3201-USB Dongle
Enclosed: No
Art. code: 13840

OPI-3301i

CHG-3201 BLK
Enclosed: No
Art. code: 13726

CRD-3301B
Enclosed: No
Art. code: ** 13982

Power Supply 6V/2A
Enclosed: No
Art. code: 10991

Rechargeable Battery
Enclosed: Yes
Art. code: 13830

OPA-3201-USB Dongle
Enclosed: No
Art. code: 13840

* Subject to minimum order quantities. ** Product discontinued stock is still available

Companion Scanners

OPN-4000i

CCD

Barcode CCD Scanner
Keypad: 2 keys
USB
Bluetooth
MFi certified
Weight: Ca. 53 g / 1.9 oz (incl. battery)

OPN-4000i-WHT 13442

OPN-4000n

CCD

Barcode CCD Scanner
Keypad: 2 keys
USB
Bluetooth
Weight: Ca. 53 g / 1.9 oz (incl. battery)

OPN-4000n-WHT 13443

OPN-2001

Laser

Barcode Laser Scanner
Keypad: 2 keys
USB
Weight: Ca. 28 g / 1.0 oz (incl. battery)

OPN-2001 11858

RS-2006

Laser

Barcode Laser Ringscanner
Adjustable strap
Keypad: 2 keys + 1 trigger on the strap
USB
Bluetooth
Weight: Ca. 42 g / 1.4 oz (incl. battery and strap)

RS-2006 13919

OPN-2006

Laser

Barcode Laser Scanner
Keypad: 2 keys
USB
Bluetooth
Weight: Ca. 29 g / 1.0 oz (incl. battery)

OPN-2006 13336

PX-20

2D

2D CMOS Imager
Keypad: 2 keys
USB
Bluetooth
Weight: Ca. 40 g / 1.4 oz (incl. battery)

PX-20 13131

OPN-3102i

2D

2D CMOS Imager
Keypad: 2 keys
USB
Bluetooth
MFi certified
NFC
Weight: Ca. 57 g / 2.0 oz (incl. battery)

OPN-3002i-WHT ** 13169
OPN-3102i-WHT 14912

OPN-3102i

2D

2D CMOS Imager
Keypad: 2 keys
USB
Bluetooth
NFC
Weight: Ca. 57 g / 2.0 oz (incl. battery)

OPN-3002n-BLK ** 13168
OPN-3102i-BLK 14904

RS-3000

2D

Barcode 2D Imager Ringscanner
Adjustable strap
Keypad: 2 keys + 1 trigger on the strap
USB C
Bluetooth 4.2 BLE
Wireless QI charging or USB-C
Weight: Ca. 34.4 g / 1.21 oz (incl. strap)

RS-3000 Set 14789

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Companion Scanners Accessories

OPN-4000i

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

Silicone Cover
Enclosed: No
Art. code: 13401

OPN-4000n

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

Silicone Cover
Enclosed: No
Art. code: 13401

OPN-2001

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

Silicone Cover
Enclosed: No
Art. code: 13402

OPN-2006

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

Silicone Cover
Enclosed: No
Art. code: 13402

OPN-3102i

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

Silicone Cover
Enclosed: No
Art. code: 13401

CRD-3000-BLK
Enclosed: No
Art. code: 14903

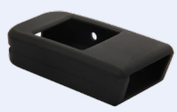
Power supply CRD
Enclosed: No
Art. code: 11052

PX-20

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

Silicone Cover
Enclosed: No
Art. code: 14069



PX-20 Glove right
Enclosed: No
Art. code: 14325

PX-20 Glove Left
Enclosed: No
Art. code: 14326

PX-20 Arm Band
Enclosed: No
Art. code: 14494

RS-2006

Neck Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

RS-3000

USB-C Cable
Enclosed: Yes

Bracket + Strap
Enclosed: Yes
Art. code: 14864

* Subject to minimum order quantities. ** Product discontinued stock is still available

Handheld Scanners Product Selector

		1D-CCD	1D-Laser	2D	USB	RS232	Bluetooth	Black	White	IP Rating	Cabled	Wireless	Pistol Grip Scanner	Hand Scanner	Ring Scanner	Presentation Scanner	Stand Included	Stand Sold separately
Cabled Scanners																		
C-37-WHT-USB	12309	●			●				●	42	●			●				●
C-37-BLK-RS232	12305	●				●		●		42	●			●				●
C-37-BLK-USB	12306	●			●			●		42	●			●				●
C-41S-USB-HID-BLK	13894	●			●			●		42	●			●				●
C-41S-USB-HID-AM-V-WHT	13673	●			●				●	42	●			●				●
L-22X-USB-BLK-STD	14009			●	●	●		●		42	●			●			●	
L-46R-USB-BLK-STD	14008		●		●	●		●		42	●		●				●	
L-46R-USB-WHT-STD	14060		●		●	●			●	42	●		●				●	
L-46X-USB-BLK-STD	14007			●	●	●		●		42	●		●				●	
L-46X-USB-WHT-STD	14059			●	●	●			●	42	●		●				●	
L-46X-USB-WHT-STD US	14606			●	●	●			●	42	●		●				●	
L-50C-USB-BLK-STD	13750	●			●			●		42	●		●				●	
L-51X-USB-BLK-STD	13957			●	●	●		●		42	●		●				●	
M-10-USB-BLK	13356			●	●	●		●		52	●					●		
M-10-RS232-BLK	13653			●	●	●		●		52	●					●		
M-10-USB-WHT	13440			●	●	●			●	52	●					●		
M-10-RS232C-WHT	13441			●	●	●			●	52	●					●		
M-11-BLK-USB	25294			●	●			●		42	●					●		
OPI-3601-BLK-USBHID+STD	13084			●	●			●		42	●		●				●	
OPI-3601-BLK-RS232+STD+PS	13083			●		●		●		42	●		●				●	
OPL-6845S-BLK+STD-USB	14164		●		●	●		●		42	●			●			●	
OPL-6845S-WHT-AM-USB+STD	14298		●		●	●			●	42	●			●			●	
OPR-2001Z+STD-USB	11645		●		●			●		42	●			●			●	●
OPR-2001Z+STD-RS232	11646		●			●		●		42	●			●			●	●
OPR-3201Z-BLK+STD-USB	11789		●		●					42	●		●				●	
OPR-3201Z-BLK+STD-RS232	11843		●			●				42	●		●				●	
OPR-3201Z-BLK-RS232C	11842		●			●				42	●		●				●	
OPR-3201Z-WHT+STD-USB	11795		●		●					42	●		●				●	
Wireless Scanners																		
OPC-3301i-BLK	13724	●					●	●		42		●	●					●
OPI-3301i-BLK	13725			●			●	●		42		●	●					●
Companion Scanners																		
OPN-2001	11858		●		●			●		42		●		●				
OPN-2006	13336		●		●		●	●		42		●		●				
OPN-3002i	14912			●	●		●		●	42		●		●				
OPN-3002n	14904			●	●		●	●		42		●		●				
OPN-3102i	14912			●	●		●		●	54		●		●				
OPN-3102i	14904			●	●		●	●		54		●		●				
OPN-4000i-WHT	13442	●			●		●		●	42		●		●				
OPN-4000n-WHT	13443	●			●		●		●	42		●		●				
PX-20	13131			●	●		●	●		54		●		●				
RS-2006	13919		●		●		●	●		42		●			●			
RS-3000 Set	14789			●	●		●	●		42		●			●			

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Mobile Computers

Opticon mobile computers take scanning to a whole new level and can connect in various ways to provide real-time data transfer at any given moment.

The ability to run on different operating systems such as Windows Mobile, Android and proprietary operating systems, enables the use of custom applications and a seamless integration of barcode-based data capture into mobile businesses. Consequently, our mobile computers are rugged, cost-effective and offer a complete solution in one single product. As always, Opticon provides a dedicated cradle, several accessories and a comprehensive care package to give that peace of mind.

Mobile Devices Power Solutions in the following verticals:

- Field service
- Field sales
- Route accounting
- Inventory management
- Logistics
- Delivery
- Courier

Windows Mobile Computers

H-32

Laser

Barcode Laser Scanner
Operating system: Windows Embedded Compact 7
Keypad: Numeric
IP rate: 54
Wi-Fi (802.11 a/b/g/n)
Bluetooth

H-32-1D ** 13218

Windows Mobile Computers Accessories

H-32

USB Cable
Enclosed: Yes

Wrist Strap
Enclosed: Yes

Standard Battery
Enclosed: No
Art. code: ** 13224

Stylus + Cord
Enclosed: Yes
Art. code: ** 13289
Art. code: ** 13304

H-32 Holster
Enclosed: No
Art. code: * 13225

CRD-32
Enclosed: No
Art. code: ** 13399

CRD Power supply
Enclosed: No
Art. code: 10991

Micro USB Cable 1m
Enclosed: No
Art. code: 13610

Ethernet Cable 1m
Enclosed: No
Art. code: 12607

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Android Mobile Computers

H-28

2D

2D CMOS Imager
Operating system: Android 6.0.1
16 MP camera with Flash
IP 67, Drop rating: 1.8 m with bumper
Qualcomm Snapdragon 617 A53
Octa-core Processor
2960 mAh Battery
Wi-Fi, 802.11 a/b/g/n/ac/r
Bluetooth 4.1 LE, NFC, GPS

H-28-Wi-Fi/Bluetooth	** 14204

H-29

2D

2D CMOS Imager
Operating system: Android 6.0.1
8.0 MP camera with Flash
IP 65, Drop rating: 1.5 m
Qualcomm Snapdragon 617 A53
Octa-core Processor
2300 mAh Battery
Wi-Fi, 802.11 a/b/g/n/ac/r
Bluetooth 4.1 LE, NFC, GPS

H-29-Wi-Fi/Bluetooth	** 14208
H-29-4G-Europe	** 14210

H-31 & H-33

2D CMOS Imager
Operating system: Android 9
16 MP camera with Flash
IP 67, Drop rating: 1.8 m with bumper
Qualcomm SDM450 A53 1.8 GHz
Octa-core Processor, 4000 mAh Battery, Wi-Fi, 802.11 a/b/g/n/ac/r
Bluetooth 4.1 LE, NFC, GPS

H-31-Wi-Fi	14664
H-33-4G-Europe	14662
H-33-4G-NCSA	14663

Android Mobile Computers Accessories

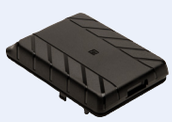
H-28 **

Micro USB Cable & Power Adapter
Enclosed: Yes

Battery Door NFC & Standard Battery
Enclosed: Yes
Art. code: 14217
Art. code: 14219

Extended Battery 5920 mAh
Enclosed: No
Art. code: 14218

Extended Battery Door NFC
Enclosed: No
Art. code: 14220



CRD-28-USB
Enclosed: No
Art. code: 14212
With power supply, Excl. Power cable

H-28 Pistol Grip
Enclosed: No
Art. code: 14489

Power Cable
Enclosed: No
Art. code: US 13345, EU 10999, SA 13345

H-28 4 Slot Cradle
Enclosed: No
Art. code: 14490

H-28 Vehicle Cradle
Enclosed: No
Art. code: 14491

Stylus + Cord
Enclosed: No
Art. code: 14225

Bumper Kit
Enclosed: No
Art. code: 14711

Holster H-28
Enclosed: No
Art. code: 14446

Android Mobile Computers Accessories

H-29 **

Micro USB Cable & Power Adapter
Enclosed: Yes

Battery Door NFC & Standard Battery
Enclosed: Yes
Art. code: 14221
Art. code: 14223

Extended Battery 3450 mAh
Enclosed: No
Art. code: 14222

Extended Battery Door NFC
Enclosed: No
Art. code: 14224

CRD-29-USB
Enclosed: No
Art. code: ** 14214
With power supply, Excl. power cable

CRD-29-Ethernet
Enclosed: No
Art. code: ** 14215
With power supply, Excl. power cable

Power Cable
Enclosed: No
Art. code: US 13345, EU 10999, SA 13345

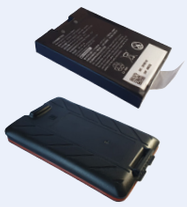
Stylus + Cord
Enclosed: No
Art. code: 14225

H-31 & H-33

USB C cable
Enclosed: Yes

Power Supply
Enclosed: No
Art. code: 14681 EU
Art. code: 14682 US

Battery Door NFC & Standard Battery
Enclosed: Yes
Art. code: 14805
Art. code: 14807



Extended Battery 5920 mAh
Enclosed: No
Art. code: 14218

Extended Battery Door NFC
Enclosed: No
Art. code: 14806

Hand Strap
Enclosed: Yes
Art. code: 14808

Bumper Kit
Enclosed: No
Art. code: 14711

Stylus + Cord
Enclosed: No
Art. code: 14225

Holster H-31/33
Enclosed: No
Art. code: 14446

H-31/33 Pistol Grip
Enclosed: No
Art. code: 14489

H-31/33 4 Slot Cradle
Enclosed: No
Art. code: 14490

H-28 Vehicle Cradle
Enclosed: No
Art. code: 14491

CRD-31-USB
Enclosed: No
Art. code: 14809
With power supply, Excl. Power cable

Power Cable
Enclosed: No
Art. code: US 13345, EU 10999, SA 13345

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Proprietary Mobile Computers

OPH-1005

Laser

Barcode Laser Scanner
Keypad: 23 keys
Display: Color, 320 x 240 pixels
IrDA
Weight: Ca. 140 g / 4.9 oz (incl. battery)

OPH-1005 13036

OPH-3001

Laser

Barcode Laser Scanner
Keypad: 21 keys
Display: 320 x 240 pixels
IrDA
Mini USB
Weight: Ca. 156 g / 5.5 oz (incl. battery)

OPH-3001 13656

OPL-9815

Laser

Barcode Laser Scanner
Keypad: 18 keys
Display: 112 x 64 pixels graphic LCD
IrDA
GPS
Bluetooth
Weight: Ca. 115 g / 4.1 oz (excl. battery)

OPL-9815 12963

OPH-5000i

2D

2D CMOS Imager
Keypad: 22 keys
Display: 128 x 160 pixels graphic LCD
Wi-Fi
Bluetooth, NFC
MFi certified
Buzzer and Vibration
3.7V 1100mAh 4.1Wh
Weight: Ca. 120 g / 4.2 oz (incl. battery)

OPH-5000i-BLK 14741

PX-36

2D

2D CMOS Imager
Keypad: 18 keys
Display: 112 x 64 pixels graphic LCD
IrDA
Bluetooth
Weight: Ca. 115 g / 4.1 oz (excl. battery)

PX-36 ** 13749

Handheld Computers Accessories

OPH-1005

Standard Battery
Enclosed: Yes
Art. code: 12025

Wrist Strap
Enclosed: Yes

CRD-1004
Art. code: 12589
Included: Ethernet Cable (12607)

CRD-1006
Art. code: 13167
Included:
USB Cable (10957)
RS232 Cable (14273)

CRD Power Supply
Enclosed: No
Art. code: 10991

* Subject to minimum order quantities. ** Product discontinued stock is still available

Proprietary Mobile Computers Accessories

OPH-3001

Standard Battery
Enclosed: Yes
Art. code: 12025

Wrist Strap
Enclosed: Yes

USB Cable
Enclosed: Yes

OPL-9815

Standard Battery
Enclosed: Yes
Art. code: 12025

Wrist Strap
Enclosed: Yes

CRD-9723RU
Art. code: 10935
Included: RS232

CRD Power Supply
Enclosed: No
Art.: 10991 + 11870

CRD USB Cable
Enclosed: No
Art. code: 10957

OPH-5000i

Standard Battery
Enclosed: Yes
Art. code:

Wrist Strap + USB Cable
Enclosed: Yes

CRD-5000
Art. code: 14742

CRD Power Supply
Enclosed: No
Art.: 11052

PX-36

Standard Battery
Enclosed: No
Art. code: 13224

Wrist Strap
Enclosed: Yes

CRD-9723RU
Art. code: 10935
Included: RS232
Cable (10299)

CRD Power Supply
Enclosed: No
Art.: 10991 + 11870

CRD USB Cable
Enclosed: No
Art. code: 10957

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Mobile Computers Product Selector

		1D-CCD	1D-Laser	2D	Windows Mobile	Windows Embedded	Android	Proprietary	Numeric	Qwerty	USB	Bluetooth	IrDA	GPRS/EDGE	GPS	Wi-Fi	NFC	RFID	IP Rating
Windows Mobile Computers																			
H-32-1D	13218		●			○			●		○	○				○			54
Android Mobile Computers																			
H-28-Wi-Fi/Bluetooth	14204			●			○				○	○				○	○		67
H-29-Wi-Fi/Bluetooth	14208			●			○		●		○	○				○	○		65
H-29-4G-Europe	14210			●			○		●		○	○		○	○	○	○		65
H-31-Wi-Fi	14664			●			○				○	○				○	○		67
H-33-4G-Europe	14662			●			○				○	○		○	○	○	○		67
H-33-4G-NCSA	14663			●			○				○	○		○	○	○	○		67
Proprietary Mobile Computers																			
OPH-1005	13036		●					○	●				○						54
OPH-3001	13656		●					○	●		○		○						54
OPL-9815	12963		●					○	●			○	○		○				54
OPH-5000i	14741			●				○	●		○	○				○	○		54
PX-36	13749			●				○	●			○	○						54

* Subject to minimum order quantities. ** Product discontinued stock is still available

OEM & Fixed Mount

Opticon offers two distinct world-class OEM solutions; the scan engine and the stationary scanner.

Both solutions are made of high quality materials and adhere to demanding regulatory and safety requirements. This, together with the smart design, makes our scan engines and stationary scanners suitable for integration into mobile computers, handheld scanners, kiosks, medical equipment, vending machines, point-of-sale devices and industrial applications.

Opticon OEM & Stationary solutions power:

- Laboratory Automation Equipment
- Retail Point of Sale
- Self-Service Kiosk
- Medical Diagnostic Equipment
- Medical Point of Care Equipment
- Self Check-out Kiosks
- Data Storage Equipment
- Mobile Data Collection Devices
- Industrial automation

Fixed Mount Scanners

NLV-1001 Laser

Barcode Laser Scanner
Scan rate: 100 scans/sec
Case material: ABS
30.0 x 43.3 x 20.0 mm (wxdxh)
1.18 x 1.70 x 0.79 in (wxdxh)
IP rate: 43
RS232, USB (HID/VCP)

NLV-1001-RS232	11613
NLV-1001-USB-HID	11614

F-70 CCD

Barcode CCD Scanner
Scan rate: 700 scans/sec
Case material: Sheet metal
I-type: 47.0 x 55.0 x 20.0 mm (wxdxh)
1.85 x 2.17 x 0.79 in (wxdxh)
L-type: 55.0 x 52.0 x 20.0 mm (wxdxh)
2.17 x 2.05 x 0.79 in (wxdxh)
IP rate: 42
RS232

F-70-I-RS232	13184
F-70-L-RS232	13185

NLV-4001 CCD

Barcode CCD Scanner
Scan rate: 300 scans/sec
Case material: ABS
33.0 x 41.1 x 24.0 mm (wxdxh)
1.30 x 1.62 x 0.94 in (wxdxh)
IP rate: 65
RS232, USB (HID/VCP)

NLV-4001-RS232 No Connector	* 13934
NLV-4001-USB	13935

NLV-3101 2D

2D CMOS Imager
Scan rate: up to 60 fps
Case material: ABS
33.0 x 41.1 x 24.0 mm (wxdxh)
1.30 x 1.62 x 0.94 in (wxdxh)
IP rate: 65
RS232, USB (HID/VCP)

NLV-3101-RS232	13091
NLV-3101-USB	13092

NLV-5201 2D

2D CMOS Imager
Scan rate: up to 100 fps
Case material: Zinc alloy die casting
41.1 x 33.0 x 24.0 mm (wxdxh)
1.62 x 1.30 x 0.94 in (wxdxh)
IP rate: 65
RS232

NLV-5201-RS232C(LE)	14309
NLV-5201-UD-RS232C(LE)	14265
NLV-5201-USB-HID	14483

PR-11 2D

2D CMOS Imager
Omni-directional
Case material: ABS
Scan rate: Up to 120 fps
Size: 141.4 x 128.8 x 109.0 mm (wxdxh)
Ergonomics: Passport Reader

PR-11-BLK-USB	14659
PR-11-WHT-USB	14660
RS232-M-11-CABLE-BLK-2.1M	14499

Fixed Mount Scanners Accessories

F-70

Power Supply RS232
Enclosed: No
Art. code: 11052

NLV-1001

Power Supply RS232
Enclosed: No
Art. code: 11052

NLV-3101

Power Supply RS232
Enclosed: No
Art. code: 10991

PR-11

Power supply RS232
Enclosed: No
Art. code: 11052

* Subject to minimum order quantities. ** Product discontinued stock is still available

MDC-100A

CCD

Barcode CCD Scanner
Scan rate: 300 scans/sec
22.8 x 15.0 x 11.5 mm (wxdxh)
0.90 x 0.59 x 0.45 in (wxdxh)
Weight: Ca. 3.5 g / 0.12 oz

MDC-100A	13349

MDC-200A

CCD

Barcode CCD Scanner
Scan rate: 300 scans/sec
22.8 x 15.0 x 7.5 mm (wxdxh)
0.90 x 0.59 x 0.30 in (wxdxh)
Weight: Ca. 2.6 g / 0.09 oz

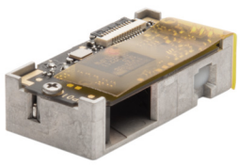
MDC-200A	13627

MDL-1000

Laser

Barcode Laser Scanner
Scan rate: 100 scans/sec
28.0 x 18.0 x 7.8 mm (wxdxh)
1.10 x 0.71 x 0.31 in (wxdxh)
Weight: Ca. 10 g / 0.35 oz

MDL-1000	11501



MDL-1500

Laser

Barcode Laser Scanner
Scan rate: 100 scans/sec
28.0 x 14.0 x 8.0 mm (wxdxh)
1.10 x 0.55 x 0.32 in (wxdxh)
Weight: Ca. 3.9 g / 0.13 oz

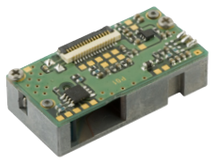
MDL-1500	13978

MDL-2001

Laser

Barcode Laser Scanner
Scan rate: 100 scans/sec
20.4 x 18.0 x 11.2 mm (wxdxh)
0.79 x 0.71 x 0.44 in (wxdxh)
Weight: Ca. 4.7 g / 0.17 oz

MDL-2001	12426
MDL-2001 FCC FLATCABLE	11438



MSL-1400

Laser

Barcode Laser Scanner
Scan rate: 100 scans/sec
28.0 x 14.0 x 7.8 mm (wxdxh)
1.10 x 0.55 x 0.31 in (wxdxh)
Weight: Ca. 3.9 g / 0.14 oz

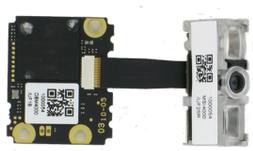
MSL-1400	14861

MDI-3100

2D

2D CMOS Imager
Scan rate: up to 60 fps
25.3 x 21.2 x 12.4 mm (wxdxh)
1.00 x 0.84 x 0.49 in (wxdxh)
Weight: Ca. 8 g / 0.28 oz

MDI-3100	12972
MDI-3100 HD	12975
MDI-3100 FFC FLATCABLE	11438



MDI-4000

2D

2D CMOS Imager
Scan rate: up to 100 fps
25.3 x 58.3 x 6.0 mm (wxdxh)
1.00 x 2.30 x 0.28 in (wxdxh)
Weight: Ca. 5.5 g / 0.19 oz

MDI-4000	13948
MDI-4000 HD	* 13949
MDI-4000 UHD	* 13959

MDI-4100/4150

2D

2D CMOS Imager
Scan rate: up to 100 fps
25.3 x 21.0 x 10.0 mm (wxdxh)
1.00 x 0.83 x 0.39 in (wxdxh)
Weight: Ca. 5.5 g / 0.19 oz

MDI-4100	13950
MDI-4100 HD	* 13951
MDI-4100 UHD	* 13960
MDI-4150	14162
MDI-4150 HD	* 14251
MDI-4150 UHD	* 14295

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Scan Engines Accessories

All Engines

MEK-3100 Testkit
Enclosed: No
Art. code: 14057

OEM & Fixed Mount Product Selector

		1D-CCD	1D-Laser	2D	USB	RS232	IP Rating	Scans/Frames Per Sec.
Fixed Mount Scanners								
F-70-I-RS232	13184	●				●	42	700
F-70-L-RS232	13185	●				●	42	700
NLV-1001-RS232	11613		●			●	43	100
NLV-1001-USB-HID	11614		●		●		43	100
NLV-3101-RS232	13091			●		●	65	60
NLV-3101-USB	13092			●	●		65	60
NLV-4001-RS232 NO CONNECTOR	13934	●				●	65	300
NLV-4001-USB	13935	●			●		65	300
NLV-5201-RS232C(LE)	14309			●		●	65	100
NLV-5201-UD-RS232C(LE)	14265			●	●		65	100
NLV-5201-USB-HID	14483			●	●		65	100
PR-11-BLK-USB	14584			●	●			120
PR-11-WHT-USB	14659			●	●			120
Scan Engines	14660			●	●			120
MDC-100	13349	●			●	●		300
MDC-200	13627	●			●	●		300
MDI-3100	12972			●	●	●		60
MDI-3100 HD	12975			●	●	●		60
MDI-3100 FFC FLATCABLE	11438			●	●	●		60
MDI-4000	13948			●	●	●		100
MDI-4000 HD	13949			●	●	●		100
MDI-4000 UHD	13959			●	●	●		100
MDI-4100	13950			●	●	●		100
MDI-4100 HD	13951			●	●	●		100
MDI-4100 UHD	13960			●	●	●		100
MDI-4150	14162			●	●	●		100
MDI-4150 HD	14251			●	●	●		100
MDI-4150 UHD	14295			●	●	●		100
MDL-1000	11501		●			●		100
MDL-1500	13978		●		●	●		100
MDL-2001 CONN. GOLD	12426		●			●		100
MSL-1400	14861		●			●		100

* Subject to minimum order quantities. ** Product discontinued stock is still available

Display Solutions

To create a distinctive business environment Opticon offers both e-paper and colored digital signage solutions. Opticon's wireless ESL system is based on a radio architecture and e-paper label that provides advantages in performance, coverage, cost and power consumption.

The benefits of digital signage are that information can be presented more easily, prices can be adjusted instantly, and the signs can adapt to the context and audience, even interactively. Opticon's solutions aim to dramatically impact how companies operate their businesses providing a superior platform that can improve profitability and enable new customer-facing applications, promotions and loyalty programs.

Our ESLs are used in industries such as retail, fashion, catering, mobile shops, jewelry, home appliances, pharmacy, industry, warehouse and room signage.

Opticon's Displays Solutions highlights include:

- Centralized administration of displays and tags with full visibility
- Integrates with existing systems
- High flexibility in display content that is user-configurable
- Ensures accurate pricing, product information and on-demand promotions
- Reduces labor costs and errors
- Enhances customer loyalty and satisfaction

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

ESL

EE-153R

B/W/R

Display: e-paper b/w/r
Battery: 1x CR2450
Radio protocol: IEEE 802.15.4
Number of dots: 152 x 152
Pixel pitch: 140 dpi
Dimensions: 48.4 x 42.2 x 11.5 mm

EE-153R 14460

EE-213R

B/W/R

Display: e-paper b/w/r
Battery: 2x CR2450
Radio protocol: IEEE 802.15.4
Number of dots: 212 x 104
Pixel pitch: 112 dpi
Dimensions: 69.9 x 34.7 x 11.5 mm

EE-213R 14471

EE-293R

B/W/R

Display: e-paper b/w/r
Battery: 2x CR2450
Radio protocol: IEEE 802.15.4
Number of dots: 296 x 128
Pixel pitch: 112 dpi
Dimensions: 92.3 x 42.2 x 11.5 mm

EE-293R 14462

EE-420R

B/W/R

Display: e-paper b/w/r
Battery: 2x AAA (not incl.)
Radio protocol: IEEE 802.15.4
Number of dots: 400 x 300
Pixel pitch: 120 dpi
Dimensions: 101.0 x 93.0 x 16.0 mm

EE-420R 14053

EE-750R

B/W/R

Display: e-paper b/w/r
Battery: 4x AAA (not incl.)
Radio protocol: IEEE 802.15.4
Number of dots: 640 x 384
Pixel pitch: 100 dpi
Dimensions: 180.0 x 126.0 x 16.0 mm

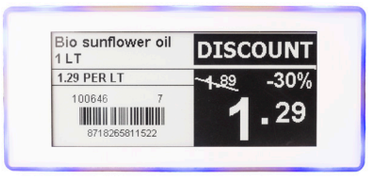
EE-750R 14054

PE-152

B/W

Display: e-paper b/w
Power: Over rail
Radio protocol: IEEE 802.15.4
Number of dots: 152 x 152
Pixel pitch: 140 dpi
Dimensions: 48.4 x 42.2 x 10.2 mm
RGB LED, NFC and sound feedback

PE-152	14302
PE-152 NFC A, B & F	14692
PE-152 BWR	* 14739

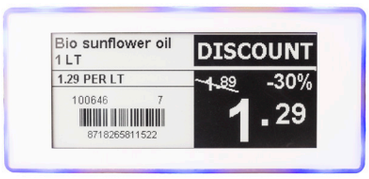


PE-292

B/W

Display: e-paper b/w
Power: Over rail
Radio protocol: IEEE 802.15.4
Number of dots: 296 x 128
Pixel pitch: 112 dpi
Dimensions: 92.3 x 42.2 x 11.3 mm
RGB LED, NFC and sound feedback

PE-292	14156
PE-292 NFC A, B & F	14690
PE-292 BWR	* 14709
PE-292 Low Temp	* 14571



RE-294

B/W

Display: e-paper b/w
Power: Over rail & Battery
Radio protocol: IEEE 802.15.4
Number of dots: 296 x 128
Pixel pitch: 112 dpi
Operating voltage: 5-12V
LED, NFC and sound feedback

RE-294	14603
RE-294 NFC A, B & F	* 14716

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

ESL Accessories

EBS-50

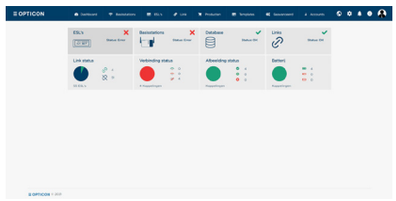
Smart ESL base station
Communicates with your wireless ESLs, hosts the ESL Server Application and can even host its own database server. The EBS-50 is a combination of a Linux microcomputer and a Base Station.

EBS-50 14828

EBS-40

ESL Base Station
The base station provides a connection between the Electronic Shelf Label server and the Electronic Shelf labels so you can easily update them whenever you want.

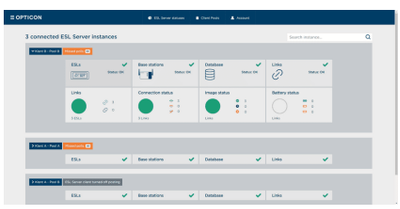
EBS-40 13665



ESL Server Software

The server software makes it possible to connect any smart device on the same network as the EBS-50 to use its browser to reach the ESL Server Web Interface and manage the labels. No mouse, keyboard or monitor is required.

ESL Web Server - 1 year 14923
ESL Web Server - 2 year 14924
ESL Web Server - 3 year 14925



ESL Cloud Dashboard

You can see the statuses of all your EBS-50's on a centralized overview page. Simply instruct your EBS-50 to send its local system status (as seen on the dashboard landing page) to the Cloud Dashboard.

ESL Cloud Dashboard - 1 Year 14926
ESL Cloud Dashboard - 2 Year 14927
ESL Cloud Dashboard - 3 Year 14928

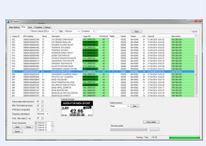
All ESL

EBS-50 Power Sup.
Enclosed: No
Art. code: 14845

EBS-40 Power Sup.
Enclosed: No
Art. code: 10991

EBS Ethernet Cable
Enclosed: No
Art. code: 12607

Legacy ESL Server
Enclosed: No



This is a short overview of the available accessories. For the complete range of accessories for the EE and PE range please check our "EE Range ESL Folder" and "PE Range ESL Folder".

Full Color Displays

ET-350 TFT

Display: TFT
Power: 5V
Interface: Mini USB Ver. 2.0
Number of pixels: 320 x 240

ET-350 13698

ET-1002 TFT

Display: TFT
Power: 12V
Interface: USB Ver. 2.0
Number of pixels: 1280 x 800

ET-1002 14148

Full Color Displays Accessories

ET-1002

Power Supply 12V
Art. code: 14278

C7 EU Power Cable 1.5m
Art. code: 13668

ET-1002 Bracket for Reutlinger system
Art. code: * 14699

* Product subject to minimum order quantities. ** Product discontinued stock is still available.

Display Solutions Product Selector

		E-Paper	TFT	Battery	Powered	B / W	B / W / R	Full Color	With Housing	OEM	Wireless Data Transfer	Wired Data Transfer	LED Feedback	Sound Feedback	NFC A	NFC B & F	DPI
ESL																	
EE-153R	14460	●		●			●		●		●						140
EE-202	13826	●		●		●			●		●						111
EE-293R	14462	●		●			●		●		●						112
EE-420R	14053	●		●			●		●		●						120
EE-750R	14054	●		●			●		●		●						100
PE-152	14302	●			●	●			●		●		●	●	●	●	140
PE-152 NFC A, B & F	14692	●			●	●			●		●		●	●	●		140
PE-152 BWR	14739	●			●		●		●		●		●	●	●		140
PE-292	14280	●			●	●			●		●		●	●	●		112
PE-292 NFC A, B & F	14690	●			●	●			●		●		●	●	●	●	112
PE-292 BWR	14709	●			●		●		●		●		●	●	●		112
PE-292 Low Temp	14571	●			●	●			●		●		●	●	●		112
RE-294	14603	●		●	●	●			●		●		●	●	●		112
RE-294 NFC A, B & F	14716	●		●	●	●			●		●		●	●	●	●	112
Full Color Displays																	
ET-350	13698		●		●			●		●		●					114
ET-1002	14148		●		●			●	●			●					151

* Subject to minimum order quantities. ** Product discontinued stock is still available

1D Barcodes

Industrial 2 of 5

Codabar

EAN 13

Code 39

Code 128

GS1 Databar

UPC A

Interleaved 2 of 5

2D Barcodes

Data Matrix

Maxicode

Micro PDF417

Aztec

QR Code

PDF417

Notes

OPTICON

Contact Opticon's regional office

Opticon Limited

F20a, 110 Butterfield
Great Marlings
Luton
Bedfordshire
LU2 8DL
United Kingdom

01582 433763
uksales@opticon.com

Please check our website www.opticon.com for contact details of our other regional offices.

Copyright Opticon. All rights reserved. This information is subject to change without prior notice.
For availability contact your local representative.

Created: June 2022