

Fall Catalog 2013



H22 Rugged Windows
Mobile Device



What's New from Opticon!

Mobile Solutions

- H22: Rugged Windows Mobile® 6.5.3 mobile device with 1D scanner or 2D imager
- H25: Rugged Windows CE® 6.0 mobile device with 1D scanner or 2D imager

Companion Scanners

- OPN2005: 1D Laser Bluetooth companion scanner makes barcode data collection simple
- OPN3002i: 2D Imager Bluetooth companion scanner that supports Apple MFi

Handheld Solutions

- OPH1005: Small, rugged mobile computer featuring a vibrant color display
- OPL9813: GPS, Bluetooth® data collector; easy 3-key operation
- OPL9815: GPS, Bluetooth® data collector; 18-key operation; backlit display

Fixed Position Solutions

- NLV3101: World's most compact fixed mount 2D imager in its class

OEM Solutions

- MDL4000: Smallest laser barcode scan engine at just 0.80 x 0.55 x 0.22 (inches)
- MDI3100: 2D CMOS imager scan engine featuring an integrated camera and decoder in an ultra-miniature module



OPH1005



OPL9815



MDI3100

Opticon Designs and Manufactures a Broad Portfolio of Data Capture Products

Develop high quality, cost-effective solutions with the broad portfolio of data capture products available from Opticon. From handheld scanners to Windows Mobile® mobile devices, and from USB and Bluetooth® companion scanners to OEM scan engine modules, your customers in retail, healthcare, warehousing, manufacturing and transportation will be more productive and profitable when you work with Opticon.



About Opticon

Opticon is a pioneer in developing and manufacturing world class 1D laser, 2D imaging and CCD barcode scan engines. Since 1976, Opticon's engines have powered a broad portfolio of data capture products and accessories enabling VARs, ISVs, carriers and OEMs to deliver robust, dependable and affordable data capture solutions. For more information, visit www.opticon-streckkod.se

Rugged Mobile Devices & Terminals

Featured Opticon mobility products are listed below. To view the complete product line and detailed specifications, visit www.opticon-streckkod.se.

[View all Mobile Solutions Online](#)



H22 Windows Mobile 6.5.3 Rugged Device

- Sleek, rugged design; 3.7" color touch screen
- 1D laser barcode or 2D imager scan engine options
- GPRS/EDGE (quad-band 850/900/1800/1900), 3G UMTS (WCDMA band 1,II,V,VI), 3.5G UMTS (HSDPA 7.2M / HSUPA 5.76 M)
- QWERTY or numeric keypad
- Rugged IP65 rating – sustains 5' drop to concrete
- Integrated AGPS, Wi-Fi and Bluetooth
- 3.2 mp color camera



H21 Windows Mobile 6.5 Rugged Device

- Field proven, 2.8" color touch screen
- 1D laser barcode or 2D imager scan engine options
- GPRS/EDGE (quad-band 850/900/1800/1900), 3G UMTS (WCDMA band I,II,V,VI,VIII), 3.5G UMTS (HSDPA 7.2M / HSUPA 5.76 M)
- QWERTY or numeric keypad
- Rugged IP64 rating – sustains 5' drop to concrete
- Integrated AGPS, Wi-Fi and Bluetooth
- 3.2 mp color camera



H25 Windows CE 6.0 Mobile Terminal

- Compact and rugged mobile terminal
- 1D laser barcode or 2D imager scan engine options
- 2.8" color touch screen
- Rugged IP65 rating – sustains 4' drop to concrete
- Integrated Wi-Fi and Bluetooth
- MicroSD Slot (supports up to 32GB)
- Marvell® XScale PXA310 624Mhz processor
- Memory: 128MB RAM and 256MB ROM

Next Steps

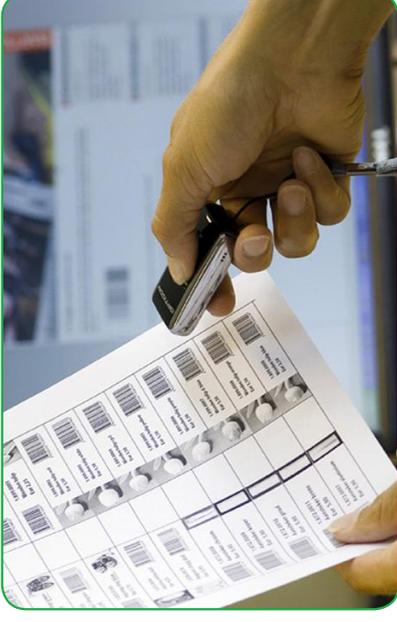
For more information or to schedule a demo, contact Opticon.
 Email: info@batelcoab.se
 Phone: 070 778 4737

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Companion Scanners

Featured Opticon Companion Scanners are listed below. To view the complete Opticon product line and detailed specifications, visit our website at www.opticon-streckkod.se

[View all Companion Scanners Online](#)



OPN3002i 2D Imager Bluetooth®

Companion Scanner

- Small Bluetooth 2D imager barcode scanner
- Supports Apple iOS in MFI mode and HID and SPP Bluetooth profiles for Android™, BlackBerry® or Windows
- Easily reads 1D or 2D barcodes
- Internal, long life battery is rechargeable via USB
- Small form factor - weighs only 2 ounces, 3.27 (L) x 1.42 (W) x 0.85 (D) inches
- All companion scanners backed by a two-year warranty

OPN2005 1D Laser Bluetooth Companion

Scanner

- Compact Bluetooth scanner that's customizable
- Enables wireless, real-time scanning into host devices
- Fully programmable with SDK from Opticon
- Price point makes real-time barcode scanning with an Android, Apple, BlackBerry or Windows Mobile host device affordable.
- Supports HID and SPP Bluetooth profiles for added flexibility.
- High speed, 100 scans / second laser scanner

OPN2004 1D Laser USB Batch Companion

Scanner

- Affordable, simple to use USB batch scanner
- Fully programmable with SDK from Opticon
- Small - weighs only 1.1 oz.
- 100 scans / second laser scanner
- Stores over 10,000 barcodes plus timestamps
- Most affordable batch USB scanner
- Long battery life

Next Steps

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Handheld Solutions

Featured Opticon handheld solutions are listed below. To view the complete Opticon product line and detailed specifications, visit our website at www.opticon-streckko.se

[View all Handheld Solutions Online](#)



OPI3601 Cabled 2D CMOS Imager

- Full spectrum illuminated imager
- Improved scanning of curved, wide and poorly printed barcodes
- Easily reads 1D or 2D barcodes
- Rugged - withstands drop of 5 feet to concrete and IP 42 rating
- RS232, Keyboard Wedge or USB
- Stand included



OPL9813 GPS Bluetooth™ Laser Data Collector

- Batch data collection or Bluetooth™ real-time data transfer
- GPS and real time clock for location and time stamping
- 512 KB of flash ROM; 512 KB of RAM
- Easy 3 key operation
- 48 hours minimum standby time



OPL9815 GPS Bluetooth™ Laser Data Collector

- Batch data collection or Bluetooth™ real-time data transfer
- GPS and Real Time Clock for location and time stamping
- 512 KB of flash ROM; 512 KB of RAM
- Monochrome 112x64 pixel backlit screen
- Enhanced numeric keypad



OPR2001 Ultra-Lightweight Laser Scanner

- Slim, lightweight (2.1oz), yet durable (IP42; survives 5ft drop)
- 100 scans / second
- Trigger modes: manual, auto-trigger, and stand detection—perfect for retail
- RS232, keyboard wedge or USB
- Stand included

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Next Steps

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Fixed Position Solutions

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[View all Fixed Position Solutions Online](#)



M5 Presentation Scanner

- Best price/performance presentation scanner on the market today
- Omni-directional 2D CMOS Imager scans both 1D/2D barcodes
- Reads barcodes from cell phone and computer screens
- Speed checkout in pharmacy, grocery and other retail outlets



NLV3101 2D CMOS Fixed Position Imager

- World's most compact fixed position 2D imager in its class
- Fast global shutter technology with auto exposure
- Exceptional motion tolerance for moving applications
- Improved scanning of curved, wide and poorly printed barcodes
- Complete unit with integrated decoder
- Rugged – IP65 rating for water and dust protection and shock resistant



Electronic Shelf Labeling System

- Ensures accurate pricing and enables pricing promotions
- Improves margin, increases sales and reduces labor
- Enhances customer loyalty and satisfaction
- Create in-store marketing and promotion centers
- Control on a local Wi-Fi network, or via a Cloud-based application
- 100% e-paper display content flexibility

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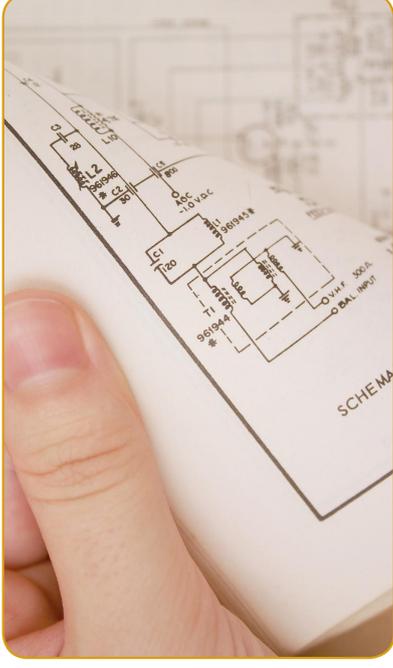
Next Steps

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OEM Solutions

Featured Opticon OEM solutions are listed below. To view the complete Opticon product line and detailed specifications, visit our website at www.opticon-streckkod.se

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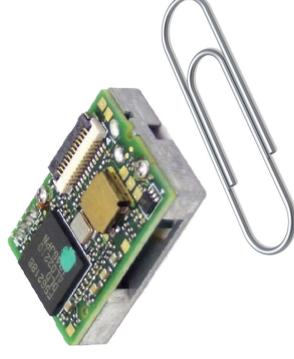
MDI3100 2D CMOS Imager Scan Engine

- Features an integrated camera and decoder in an ultra-miniature module
- High-speed performance ensures stress free scanning and fast response without being affected by hand movement and light conditions
- Data editing program function captures up to 16 codes on multiple images simultaneously
- Very low power consumption
- Easy aiming and long-life with sharp, single line LED



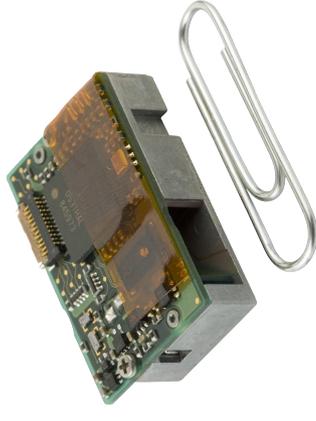
MDI3000 2D CMOS Imager Scan Engine and Decoder Board

- Separated camera and decoder board offers ultra-miniature size
- Alternative form factor solution to the MDI3100 with similar features and functions
- CMOS image sensor that rapidly reads 1D and 2D barcodes
- Fast global shutter technology offering exceptional motion tolerance for moving applications
- Drastically reduced power consumption



MDL4000 Laser Barcode Scan Engine

- World's smallest barcode scan module at just 0.80 x 0.55 x 0.22in
- Fast 100 scans / second
- Scans bi-directionally
- Small size makes it easy to mount
- Perfect for integration into small, space-constrained mobile, medical, or retail barcode scanning devices
- Engineering kit available - enables faster time to market



MDL1000 Laser Barcode Scan Engine

- Small form factor
- Fast 100 scans/second
- Programmable software with more than 100 options
- Scans bi-directionally
- Small size makes it easy to mount
- Perfect for integration into space-constrained mobile devices
- All OEM solutions backed by two-year warranty

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