

OPTICON

H16 Series

Beyond "Smart". It's **Genius.**



Interact



Communicate



Scan

Ideal tool for:

- ✓ Field Sales
- ✓ Field Service
- ✓ Retail
- ✓ Health Care





H16 Series Beyond "Smart". It's **Genius**.

H16 Series

Beyond "Smart". It's **Genius.**

The H16 is a high-performance Quad-band advanced mobile phone with an integrated scan engine, a slide-out QWERTY keyboard and multiple modes of wireless communication (GSM/GPRS/EDGE, WiFi® and Bluetooth®) to meet the needs of your mobile workforce.



■ Extending the Desktop beyond the Desk

Microsoft® Windows Mobile® 5.0 Phone Edition drives the H16 and this mobile extension of the familiar desktop environment allows your mobile workers to be productive almost instantly. Your workforce will have on-demand access to well known applications as well as extensions of custom enterprise applications regardless of physical location.

■ Ease of Use on Demand

The slide-out QWERTY keyboard provides fast and easy text input and quickly hides away when not required. The 2.8-inch, color touch-screen LCD includes the ability to instantly rotate the screen layout when your applications require increased screen space. The H16 helps you with its keyboard backlight when you need to type in a dark room.

■ Signature Capture and Touch Operation

The H16 also features a 2.8-inch color LCD that can be used for touch-screen operations such as signature capture as well as having the ability to instantly rotate the screen layout when required for increased working area.



Interact

Interact with an application using the barcode

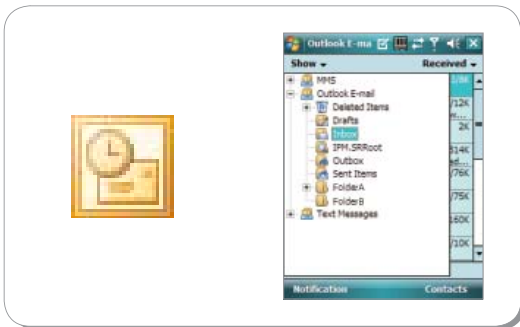
The Opticon H-16 is all about interaction. Opticon started with the Microsoft® Windows Mobile® 5.0 Phone Edition operating system as its core platform, and built up from there.

The Windows platform supports Outlook® Mobile using Direct Push Technology, Office® Mobile, Media Player® and Internet Explorer® Mobile. The slide-out QWERTY keyboard allows you to fully interact with email, Office® Mobile documents and other productivity applications – all in real time!



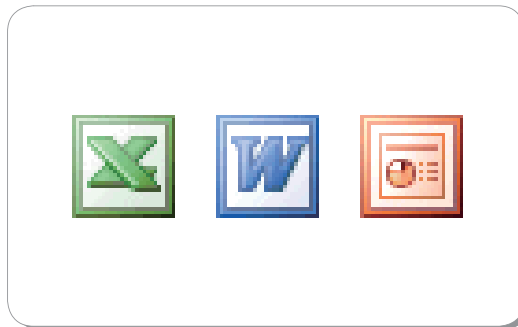
Work hard and play hard! Take the H16 with you wherever you go.

Microsoft® Office Outlook® Mobile



Need a personal secretary? Outlook® Mobile comes handy when you need to check or update your up-to-date calendar, contact information or tasks on the road. Enjoy the enhanced direct push e-mail technology while you are out of the office.

Microsoft® Office® Mobile



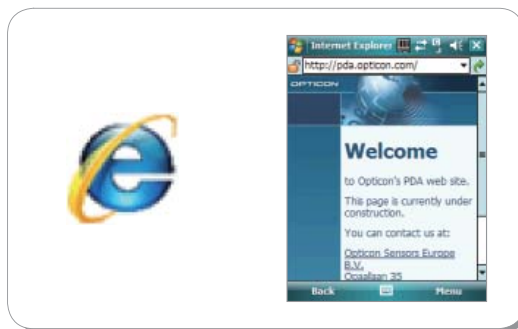
Use Office® Mobile to create or edit documents or give presentation while you are off-site. Perform your best when you are needed.

Pocket MSN®



Need to go back to your office for a meeting? What about using Pocket MSN® and save your time? It gives you the access to your favorite MSN® services with a single sign-on.

Internet Explorer® Mobile



Need to check the internet? Use Internet Explorer® Mobile and get connected to the world.



Windows Media Player® Mobile

Media Player® Mobile supports most popular file formats including WMA, WMV, WAV, MPEG-1 or MP3. It synchronizes with the desktop version of Windows Media Player® (version 9 or higher) and automatically updates your favorite playlists, music files and video files stored on your PC.

Have you ever missed any movies or music you downloaded to your PC while you are on a business trip? Use Media Player Mobile® to make yourself feel at home!



Communicate

Keep in touch wherever you are!

With Quad-band GSM, GPRS, EDGE, WiFi® (802.11b/g) and Bluetooth® support onboard, your workforce can easily connect to voice/data networks and peripheral devices for real-time remote data-capture, email and office productivity on the go, and other business applications that require network connectivity while away from the office.

■ Connection into your enterprise network



The communication technologies allow to connect the H-16 to many peripherals of your enterprise network, from an earphone, to a printer, to another computer or mobile device, by internet, by e-mail or voice.

Scan

Scan a barcode

The Opticon H16 incorporates robust barcode scanning and advanced mobile computing into a single multifunctional business tool. The H-16 features real barcode scanning from your choice of a laser barcode scanner or 2D imager.

■ Enjoy the smooth scanning performance!

H16A

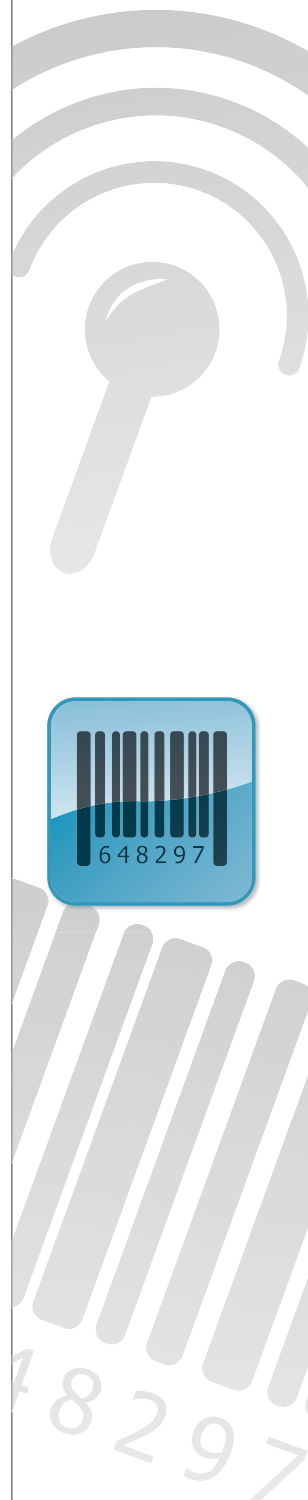


Opticon employs its industry leading laser scan engine that brings a powerful 100 scan per second laser reading barcodes of any quality and size in the H16A.

H16B



The H16B uses Opticon's CMOS imager engine. This 1.3 mega-pixel monochrome imager reads all 2D and stacked barcodes.



Market

The OPTICON H16 is ideal for the following markets:

✓ Field Sales



Applications

- On-line order confirmation
- Inventory applications
- Accurate billing
- GSM communication
- Managing e-mail
- Invoicing
- Signature capturing

The Opticon H16 is great for field operations, bringing dispatch work order management and mobile order applications to the device level. Managing these applications on an H16, like rack scanning, will increase your employee's productivity, ensure accurate billing and work performance data while giving your home office immediate status updates of work performed in the field. Combined with Bluetooth®, WiFi® and cellular (GSM/eGPRS/EDGE) communication capabilities, you can collect barcoded data for order entry systems. Your employees can write up invoices, sell inventory and complete credit card transactions (including signature capture) using the Opticon H16.

✓ Field Service



Applications

- Managing e-mail
- Signature capturing
- Communicating reports
- On-line invoicing
- Item identification

The Opticon H16 will help you serve your customers faster, more effectively and collect detailed information accurately and effectively. Imagine a device that can be used to dispatch your field service personnel, relay important customer information, manage inventory, collect incremental charges related to the service call, type reports and messages and send all of that information back to central accounting instantly.

✓ Retail



Applications

- Point-of-sale
- Loss prevention
- Accident/theft reporting
- Order entry
- Inventory management
- Stock movement/replenishment
- Price checking
- Signature capturing

The Opticon H16's core platform allows integration with popular Point-of-Sale, Loss Prevention and Merchandising systems on the market today. The Opticon H16 can be used to check inventory on the spot, conduct cycle counts or by using the QWERTY keyboard you can type accident and theft reports right there where the incident has occurred. Using Office® Mobile you can check e-mail, fill out spreadsheets or fill out reports anywhere you are.

✓ Health Care



Applications

- Pharmacy management
- Electronic patient registration
- Electronic order entry
- Inventory management
- Intramural care efficiency
- Extramural care optimizing
- Instant data mutations
- Signature capturing

The H16 is supporting your management system with a highly portable, cost effective mobile computer including a slide-out keyboard and a barcode reader. This device will not only make your staff more effective, but will ensure that information is accurately collected and communicated across your facility. Use the 2D scanner model to read Data Matrix barcodes found on e.g. patient wristbands, patient records and pharmaceuticals. The H16 can help your staff ensure that they are providing your patients the proper medication and treatments, as well as, collecting and recording vital information about those patients.

Basic Product Specifications

Dimension and Weight	
Dimension	60 x 127 x 28 mm 2.36 x 5.00 x 1.10 in
Weight	H16A Ca. 180 g / 6.3 oz (excl. battery) H16B Ca. 180 g / 6.3 oz (excl. battery)
System Information	
CPU	Samsung S3C2440A, 400MHz
Operating System	Microsoft® Windows Mobile® 5.0
Memory	64 MB RAM 128 MB FlashROM
Key and Indication	
Key and Indication	<p>Key</p> <ul style="list-style-type: none"> • 5-way navigation with action input • 2 Scan keys • Volume up and down • Power button • Phone buttons • Hot keys • 41-key QWERTY keyboard <p>Indication</p> <ul style="list-style-type: none"> • 2 LEDs (red/orange/green/blue) • Speaker • Vibrate
Display	
Type	Transflective TFT LCD with touch panel and backlight
Size/Resolution/Color	2.8" 240x320 pixels 16-bit color
Scanner	
H16A 1D Model	Red Laser Diode
	<p>Supported Symbologies: JAN/UPC/EAN (WPC) incl. add on, JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic, Composite codes</p>
H16B 1D/2D Model	CMOS Area Sensor
	<p>Supported Symbologies: 1D : JAN/UPC/EAN (WPC) incl. add on, JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic, Composite codes 2D : Aztec Code, Aztec Runes, Data Matrix (ECC200/ECO-140), Maxi Code (mode 2-5), MicroPDF417, PDF417, QR code</p>

Connectivity	
Bluetooth	Bluetooth® Ver. 1.2
Wi-Fi	IEEE 802.11 b/g
Telecom	GSM/GPRS/EDGE 850/900/1800/1900 GPRS class 12 EDGE class 10
USB	mini USB (ver.1.1 client)
External Memory Card	
Card Slot	Mini SDIO card slot
Battery and Power	
Main Battery	Lithium ion polymer 4.2V 1440mAh
Talk Time	4 hours
Standby Time	150 hours
Battery Charing Time	4 hours
Enclosed Items	
AC adapter, Ear microphone, USB cable (client to host), Leather case, Lithium-ion polymer battery, Getting started disc and Stylus pen	

Optional



Car adapter

Car holder

- This quick start guide may be revised or withdrawn at any time without prior notice.
- This quick start guide may not, in whole or in part, be copied, photocopied, reproduced, translated or converted to any electronic or machine readable form without prior written consent of Opticon.
- Trademarks used are property of their respective owners.

Contact

To learn more, please contact your local dealer or visit OPTICON website:

The Netherlands	Opticon Sensors Europe B.V. tel: +31 (0)23-5692700 / email: sales@opticon.com
U.S.A.	Opticon Inc. tel: 800-636-0090 / email: opticon@opticonUSA.com
France	Opticon S.A.S. tel: +33 (0)1-41461260 / email: opticon@opticon.fr
Germany	Opticon Sensoren GmbH tel: +49 (0)6074-91890-0 / email: sales.de@opticon.com

Italy	Opticon s.r.l. tel: +39 (0)051-6321800 / email: opticon@opticonitalia.it
Spain	Opticon Sensores S.L. tel: +34 (0)902-747469 / email: info@opticon.es
Sweden	Opticon Sensors Nordic AB tel: +46 (0)8-58548560 / email: henrik@opticon-sensors.se
United Kingdom	Opticon Limited tel: +44 (0)1582-635100 / email: sales@opticon.co.uk

OPTICON

Taiwan	Opticon Far Eastern Ltd. tel: +886 2-27597444 / email: taiwan@opticon.com
China	Opticon Sensors Europe B.V., Shanghai Representative Office tel: +86 21-64480881 / email: china@opticon.com
Australia	Opticon Sensors Pty. Ltd. tel: +61 (0)2-43402666 / email: sales@opticon.com.au
Brazil	Opticon Sensors Europe B.V., Latin American Office tel: +55 11-8322 2244 / email: sales.la@opticon.com