





Description

 **NOTIFICATION DISCONTINUED** | Alternatives can be found under the 'Related products' tab, or contact us for assistance.

The information below is for reference purposes only.

 1D
barcode

 PDF417 and MicroPDF417 (by application)

 Windows
Mobile

 Bluetooth

 Wifi

 GSM

 GPRS

 EDGE

H-16A
Smartphone

Datasheet : H-16A

The H-16A is a high-performance Quad-band smartphone with an integrated 1D 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.

Product Features

Convergence for Mobile Business

The H-16A delivers the convergence of a Windows Mobile™ based smartphone and Opticon's latest scan engine technology to allow for the seamless integration of barcode based data-capture into your mobile business.

Extending the Desktop beyond the Desk

Microsoft Windows Mobile™ 5.0 drives the H-16A 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.

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.

Specifications

- H-16A Smartphone
- Article number: 11707 H-16A 1D Matt incl battery pack

Electrical specifications

- Main battery pack: Rechargeable Lithium Ion Polymer 4,2 V 1440 mAh
- Main battery pack operating time: Talk time 4 hours, standby time 150 hours
- Battery charging time: 4 hours (full charge)

Optical specifications

- Light source: 650 nm visible laser diode
- Scan rate: 100 scans/sec
- Reading pitch angle: -35 to 0°, 0 to +35°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: -20 to 0°, 0 to +20°
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Min. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45

Communication specifications

- Interface: Mini SDIO card slot, mini USB (client, ver 1.1)
- Interface Bluetooth: Ver. 1.2
- Interface W-LAN: WiFi, IEEE.802.11b/g
- Interface GSM/GPRS: Quad-band 850/900/1800/1900, GSM Class 12, EDGE Class 10

Identification

- Supported 1D barcode Symbolologies: 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
- Supported 2D barcode Symbolologies: MicroPDF417, PDF417

Functionality

- Memory FlashROM: 128 MB Disc on Chip
- Memory RAM: 64 MB RAM
- Microprocessor: Samsung S3C2440A 400Mhz
- Display: 2.8 in Transflective TFT LCD with backlight, 240 x 320 pixels, 16-bit color
- Indicators: 2 LEDS (red/orange/green/blue), speaker, vibrate
- Input devices: Touch panel with stylus, 41 keys QWERTY keyboard, virtual keyboard, handwriting recognition, 5-way direction keys, 2 scan buttons, hot keys, phone buttons
- O/S: Windows Mobile™ 5.0
- Programming: Pre-loaded software: Excel Mobile, Powerpoint Mobile, Word Mobile, Internet Explorer, ActiveSync, Internet sharing, Pocket MSN, Phone application, Opticon Scanner application, Accessories

Environmental specifications

- Temperature in operation: 0 to 45 °C / 32 to 113 °F
- Temperature in storage: -10 to 60 °C / 14 to 140 °F
- Humidity in operation: 20 - 80 % (non-condensing)
- Humidity in storage: 20 - 85 % (non-condensing)

Physical specifications

- Dimensions: 60 x 127 x 28 mm / 2.36 x 5.00 x 1.10 in
Weight body: Ca. 180 g / 6.3 oz (excl. battery)

Regulatory

- Laser safety class: JIS-C-6802 Class 1, IEC 60825-1 Class 1, FDA CDRH Class I
Product compliance: CE, FCC, VCCI, ROHS

Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

Enclosed items

- Power supply 5.0V/1A incl EU plug **Article number : 11992EU**
- Ear microphone **cannot be ordered separately**
- USB cable (client to host)
- Leather case **cannot be ordered separately**
- Rechargeable battery pack for H-16 1440mAh **Article number : 11700**
- Getting Started disc **cannot be ordered separately**
- Stylus for H-16 **Article number : 11763**

Accessories

sold separately.

- Rechargeable battery pack for H-16 2600mAh **Article number : 11855**
- Battery cover for H-16 2600mAh **Article number : 11856**
- Car mount holder for H-16 **Article number : 11744**
- Car charging adapter for H-16 **Article number : 11762**
- Headset for H-16 **Article number :**