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 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
- Supported 2D barcode Symbologies: 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 ºC / 32 to 113 ºF
- Temperature in storage: -10 to 60 ºC / 14 to 140 ºF
- 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

- 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 :**

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 :**