




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.

Model : **Opticon H-22 RFID (12756) (12758) (12757) (12759)**

Groep : *Mobile computing - With 1D or 2D scan engine, RFID, Windows mobile 6.5 professional, Bluetooth, WiFi, GPRS, EDGE, 3G, 3.5G, AGPS, Numeric or Qwerty keypad, IP65*

Datasheet: Opticon H22 RFID

Opticon H22 is designed with the technology and ruggedness to meet the demands of businesses that deploy field workers. The interactive mobile computer with excellent reading and touch screen performance uses the latest Windows Mobile® 6.5.3 platform providing the latest technology for mobile applications.

Project item alleen te bestellen per 12 stuks.

Mocht u geïnteresseerd zijn, vraag dan een offerte aan.

Quick links

- Enclosed items & Accessories
- Downloads Manuals & Software

Product Features

Display

The sharp 3.7" color display with touch screen is among the largest screens available for mobile terminals.

A-GPS

The built-in A-GPS module (Assisted Global Positioning System) ensures simple and extremely fast detection of the current location and thus accelerated positioning and navigation.

In situations where connectivity

Other devices can easily be connected via an USB cable or wirelessly via Bluetooth 2.1 and IrDA 1.3. The H22 can also log on to any WiFi® network available via wireless LAN to connect to the local ERP system.

The Opticon H22 1D/2D

Is available with a numeric or qwerty keypad.

Specifications

- Opticon H-22 RFID Smartphone
- Article number: 12756 Opticon H-22 1D RFID Alphanumeric keypad incl battery pack
- Article number: 12757 Opticon H-22 2D RFID Alphanumeric keypad incl battery pack
- Article number: 12758 Opticon H-22 1D RFID Qwerty keypad incl battery pack
- Article number: 12759 Opticon H-22 2D RFID Qwerty keypad incl battery pack

Operation

- CPU: Marvell PXA320 806MHz O/S: Microsoft© Windows Mobile© 6.5.3

Memory

- NAND Flash: 512 MB SDRAM: 256 MB Expansion: User accessible microSD + HC

Display

- Type: Blanview TFT LCD, 262k color display with touch screen Size: 3.7", 480 x 640 pixels Mode: Portrait / Landscape

Operating indicators

- Visual: 1 LEDs (red/orange/green) Non-visual: Vibrate, Buzzer

Operating keys

- Entry options: (alpha)Numeric keyboard or QWERTY keyboard, navigation key (scroll + select), function keys, 10 enabled by color key, control keys, 1 power key, Windows Mobile key, OK 2 phone keys, reset key, volume key, 4 scan keys, reconfigurable

Communication

- USB: OTG, client and host IrDA: Ver. 1.4, 2400 bps - 115.2 kbps (SIR), 576 kbps - 1.152 Mbps (MIR) Bluetooth: Ver. 2.1 + EDR, class 2 W-LAN: WiFi, IEEE.802.11b/g/n Telecom: GPRS /ED GE (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) GPS: Integrated AGPS Audio: Speaker/microphone (mono), 3.5mm headset connector (stereo) Extension: User accessible microSD I/O

Power

- Rechargeable battery: Lithium-Ion 3.7V 3060mAh Backup battery: 18mAh for main battery hotswap Charging method: Enclosed power supply, separate car charging adapter, separate cradle

Camera

- Color camera: 3.2 megapixels, auto-focus, LED flash

Barcode scanner Optics

- 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 Depth of field: At PCS 0.9 Code 39, 65 - 645 mm / 2.56 - 25.39 in (1.0 mm / 39 mil), 45 - 415 mm / 1.77 - 16.34 in (0.5 mm / 20 mil), 45 - 255 mm / 1.77 - 10.04 in (0.25 mm / 10 mil), 45 - 145 mm / 1.77 - 5.71 in (0.15 mm / 6 mil), 55 - 115 mm / 2.17 - 4.53 in (0.127 mm / 5 mil)

2D Imager Optics

- Light source: Aiming laser diode, illumination LEDs Scan method: CMOS area sensor, 900 x 512 pixels, gray scale Scan rate: Up to 80 fps, after auto-focus activation (100 ms after triggering) Image format: Bitmap, JPEG Reading pitch angle: -50 to 0°, 0 to +50° Reading skew angle: -50 to 0°, 0 to +50° Reading tilt angle: 360° Min. resolution at PCS 0.9: 0.127 mm / 5 mil Min. PCS value: 0.45 Field of view: Horizontal 40β, Vertical 23β Depth of field: at Code 39, 45 - 1000 mm / 1.77 - 39.37 in (0.127 mm / 5 mil), 45 - 110 mm / 1.77 - 4.33 in (0.127 mm / 5 mil), 50 - 260 mm / 1.97 - 10.24 in (0.254 mm / 10 mil), 120 - 1000 mm / 4.72 - 39.37 in (1.0 mm / 39 mil) Depth of field: at QR Code, 45 - 65 mm / 1.77 - 2.56 in (0.127 mm / 5 mil), 45 - 250 mm / 1.77 - 9.84 in (0.381mm / 15 mil)

RFID (optional)

- Frequency: 13.56 MHz Supported Standards: ISO 14443A/B, Mifare Classic 1k, Mifare Classic 4k, Mifare Ultralight, Mifare DESF ire 2k, 4k and 8k, ISO 15693, I-Code, Felica Reading Distance: Up to 70 mm (depending on card/tag type)

Supported Symbologies

- Supported 1D barcode Symbologies: JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN -128), GS1 DataBar (RSS), IATA , Industrial 2of5, Interleaved 2of5, ISBN -ISMN -ISSN , Matrix 2of5, MSI /Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey Postal code: Chinese Post, Korean Postal Authority code
- Supported 2D barcode Symbologies: Aztec Code, Aztec Runes, Codablock F, Composite Codes, Data Matrix (ECC200/ EC0-140), Maxi Code (mode 2~5), Micro QR Code, MicroPDF417, PDF417, QR code

Durability

- Temperature in operation: -10 to 50°C / 14 to 122°F Temperature in storage: -30 to 80°C / -22 to 176°F (main battery storage: -20 to 60°C / -4 to 140) Humidity in operation: up to 95% (non-condensing) Humidity in storage: up to 95%

(non-condensing) Drop test: 1.5 m / 5 ft drop onto concrete surface Protection rate: IP 65

Physical

- Dimensions (w x h x d): 151 x 75 x 25 mm / 5.94 x 2.95 x 0.98 in Weight body: Ca. 340 g / 12 oz (incl. battery) Case: Black

Regulatory & Safety

- Product compliance: CE , FCC , PTCRB , GCF , RoHS, CTIA /IEEE 1725, IEC 60825-1 Class 2

Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

Downloads

- H-22 User Manual
- How to apply the protective film on H-22 touch screen

Enclosed items

- Power supply 5,0V/1A incl EU plug **Article number :**
- Standard battery Lithium-Ion 3060 mAh **Article number : 12560**
- USB cable **Article number :**
- Hand strap **Article number :**
- Ear microphone **Article number :**
- Stylus **Article number :**
- Stylus cord **Article number :**

Accessories

sold separately.

- CRD22 Charging and Communication cradle **Article number : 12923**
- CRD22E4 Multi Cradle 4 slots Ethernet Charging and Communication **Article number :**
- Pistol grip **Article number : 12936**
- Car charging adapter **Article number : USBCHARGE_CAR**
- Car holder kit **Article number : 13062**
- Holster **Article number : 13104**
- Screen Protector **Article number :**