This Windows operated terminal with 1D laser scanner is Bluetooth & WiFi interfaced and Cisco CCX compliant for seamless integration of barcode based data capture into your mobile business.

### Product Features

#### Data Collection Device
A high performance laser scanner providing a fast and accurate scan, combined with a simple numeric keypad layout for multiple entry options resulting in a reliable tool in data collection. The 64 MB on-board memory can be expanded by an user accessible SD card.

#### Efficient Mobile Business
Microsoft Windows CE 5.0 NET running on an Intel microprocessor drives the H15. Your workforce will have on-demand access to pre-loaded applications at any physical location.

#### Three interfaces for Data Access
The terminal can transmit data in multiple ways. Use the Bluetooth interface to connect to one of widely available Bluetooth devices. Connection to local area networks is provided by the Cisco CCX compatible Wireless-LAN interface (IEEE 802.11b/g). Batch transmission is supported by the base connectors and the optional available dedicated USB communication station.

#### Durable & rugged construction
The housing of this lightweight terminal is sealed to IP 54 standards and withstands multiple drops up to 1.5 meters (5 feet) onto concrete, holding up well in environments with versatile demands.
## Electrical specifications
- Main battery pack: Lithium-Ion rechargeable 3.7 V, 1880 mAh (Opticon item)
- Main battery pack operating time: Ca. 8 hours (backlight on, 1 scan + W-LAN connection / 5 sec.)
- Charging method: Charge through Opticon cradle CRD 15
- Battery charging time: when battery in terminal: 3.5 hours charge, separate battery: 5.5 hours

## Optical specifications
- Light source: 650 nm visible laser diode
- Scan method: vibrating mirror
- Scan rate: 100 scans/sec
- Decode rate: 100 decodes/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
- Depth of field: at PCS 0.9, Code 39
  - 60 - 640 mm / 2.36 - 25.20 in (res. 1.00 mm / 39 mil),
  - 40 - 410 mm / 1.57 - 16.14 in (res. 0.5 mm / 20 mil),
  - 40 - 250 mm / 1.57 - 9.84 in (res. 0.25 mm / 10 mil),
  - 40 - 140 mm / 1.57 - 5.51 in (res. 0.15 mm / 6 mil),
  - 50 - 110 mm / 1.97 - 4.33 in (res. 0.127 mm / 5 mil)

## Communication specifications
- Interface USB: Client, ver 2.0
- Interface Bluetooth: SPP, ver 2.0, class II compliant
- Interface W-LAN: 802.11b/g, CCK, TKIP, WEP, WPA, WPA2, EAP, LEAP, PEAP, AES, PSK (pre-shared, static, dynamic), Cisco CCX compatible ver 4

## Identification
- Supported 2D code symbologies: MicroPDF417, PDF417

## Functionality
- Memory FlashROM: 256 MB
- Memory RAM: 64 MB and optional SD-card memory
- Microprocessor: Intel PXA 270, 32-bit
- Real time clock: Quartz RTC, time and date programmable, leap year handling, (accuracy +/- 60 sec./month)
- Display: 2.4" 240 x 320 Graphic Transflective TFT, Color LCD with LED adjustable backlight, 4-Wire Resistance Type Touch Panel
- Indicators: 2 LEDs (red/green), speaker
- Keyboard: 29 keys total (12 keys alphanumeric keypad, 4 function keys, 4-way navigation button, 1 power button, 5 control keys, 2 quick keys, 1 scan button)
- Programming: Windows ® CE 5.0, IE 6.0, Inbox, Active Sync, WLAN utility for Security function, Update software from micro SD card

## Environmental specifications
- Temperature in operation: -10 to 50 °C / 14 to 122 °F
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 5 - 85 % (non-condensing)
- Humidity in operation: 5 - 90 % (non-condensing)
- Ambient fluorescent light rejection: 4,000 lx max.
- Ambient white light rejection: 4,000 lx max.
- Ambient direct sun light rejection: 80,000 lx max.
- Shock drop test: 1.5 m / 5 ft drop onto concrete surface
- Protection (dust and moisture, IEC529): IP 54

## Physical specifications
- Dimensions: 164 x 57 x 28/24 mm / 6.46 x 2.24 x 1.10/0.94 in
- Weight body: Ca. 225 g / 7.9 oz (incl. battery)

## Regulatory
- Laser safety class: JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II
- Product compliance: CE incl. LVD, FCC, cUL, RoHS

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Enclosed items
- Battery, Hand strap, Stylus

Accessories
- Sold separately
- CRD 15 cradle for charging & USB communication