H25

Windows CE Terminal
with Integrated 1D or 2D
Barcode Scanner

WIFI

Bluetooth

Micro-SD I/O

✛ Features & Benefits

- Lightweight, Compact Design
- Windows CE Professional 6.0
- Bluetooth™
- WLAN (Wi-Fi)
- MicroSD Slot (Supports up to 32GB)
- 1D Laser or 2D Imager Scanner (sold separately)
- Marvell® XScale PXA310 624 Mhz Processor
- Memory: 128MB RAM and 256MB ROM
- Rugged IP65 Rating
- 4ft Drop Specification
- 2.8" High Resolution Display with Touch Screen
- Enhanced Numeric Keyboard
- Two-year Warranty

✚ Product Specifications

Operation
- CPU: Marvell® PXA310 624Mhz 32bits RISC
- O/S: Windows® CE .NET 6.0 Professional

Memory
- Flash ROM: 256 MB
- RAM: 128 MB
- Expansion: User accessible micro-SD

Display
- Type: Transmissive Graphic TFT, 4-Wire Resistance Type Touch Panel
- Color: 16-bit
- Adjustable LED Backlight
- Size: 2.8" 240 X 320 pixels

Operating indicators
- Visual: Two multi-color LED's
- Non-visual: Vibration

Operating keys
- One 12-key numeric backlit keypad
- Three barcode scanner buttons (one center, and two side buttons)
- Four navigation keys
- Application key

Communication
- USB: One I/O port for DC-IN and USB 2.0 client function (supported by H25 single dock only) standard micro USB connecter for USB 2.0 client function and charging (supported by standard Micro USB Cable)
- Bluetooth: Ver. 2.1 + EDR, class 2
- W-LAN: 802.11b/g; WLAN Encryption of Summit (WEP/ WEP EAP/ CKIP/ CKIP EAP/ WPA-PSK/ WPA TKIP/ WPA CCKM/ WPA2-PSK/ WPA2 AES); Built-in Multi RF, Cisco CCX Certified Ver. 4
- Audio: Speaker/microphone (mono)
- Extension: User accessible microSD I/O

Power
- Rechargeable battery: Standard Li-ion Battery Pack, 3.7V, 1840mAh
- Backup battery: included
- Charging method: Enclosed power supply, or USB cable; separate cradle

Barcode Scanner Optics (Laser)
- Light source: 650 nm visible laser diode
- Scan method: Bi-directional scanning
- 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
- Minimum PCS value: 0.45
- Depth of field: At PCS 0.9 Code 39
  - 70-650mm/2.76-25.59in (1.0mm/39mil)
  - 50-420mm/1.97-16.54in (0.5mm/20mil)
  - 50-260mm/1.97-10.24in (0.25mm/10mil)
  - 50-150mm/1.97-5.91 in (0.15mm/6mil)
  - 60-120 mm/2.36-4.72 in (0.127mm/5mil)

Barcode Scanner Optics (Imager)
- Light Source: 650nm visible laser auto-focus sensor, Illumination LEDs
- Scan method: CMOS area sensor, 900 x 512 pixels, gray scale
- Scan rate: up to 80 fps
- 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. res. (PCS 0.9): 0.127 mm / 5 mil
- Minimum PCS value: 0.45
- Field of View: horizontal 40˚, vertical 23˚
- Depth of Field:
  - PDF 417: 45-120mm/1.77-4.72in (0.127mm / 5mil)
  - PDF 417: 50-270mm/1.97-10.6in (0.254mm / 10mil)
  - Data Matrix: 45-150 mm/1.77-5.91in (0.254mm/10mil)
  - Code 39: 45-260 mm/1.77-10.2in (0.254mm/10mil)

Supported Symbologies (Laser)
- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, 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
- 2D code: Composite, MicroPDF417, PDF417

Supported Symbologies (Imager)
- 1D: 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-I SMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey
- Postal code: Chinese Post, Korean Postal Authority code, Postnet, Intelligent Mail Barcode (IMB)
- 2D code: Aztec Code, Aztec Runes, Codablock F, Composite Codes, Data Matrix (ECC200/ EC0-140), Maxi Code (mode 2~5), Micro PDF417, Micro QR Code, PDF417, QR code

Durability
- Temperature in operation: -10°C to 50°C
- Temperature in storage: -20°C to 60°C Humidity in storage: 5 to 95% (Non Condensing)
- Drop test: 1.2 m / 4 ft drop onto concrete surface
- Ingress Protection: IP 65

Physical
- Dimensions (w x h x d): 62 x 144 x 26.2~35.8mm / 2.44 x 5.67 x 1.03 ~ 1.41in
- Weight body: 235 g / 8.2 oz (incl. battery)
- Case: Black

Regulatory & Safety
- Product compliance: UL/ cUL, LVD, CB, CE, FCC, RoHS, WEEE, CC

Enclosed items
- Standard Battery Pack (3.7V DC, 1840 mAh), Standard AC Adapter 5V DC/1A, USB Client Cable for Terminal, Wrist band, Quick Start Guide, Stylus + Cord

Sold separately
- Docking cradle, holster, high capacity battery pack (3.7V DC, 2760mAh) and battery cover

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