

This ruggedized terminal is equipped with Windows CE™ operating system. Features are: 400Mhz Intel XScale CPU, 64 MB FlashROM, 128 MB SDRAM and full colour 3.5" LCD display. Opticon provides the terminal with a scanner for automatic identification and entry of codes. The options for identification are 1D, 2D or RF-ID reading. For data exchange W-LAN, GSM/GPRS, or Bluetooth can be integrated.

TERMINALS

PHL 7000 series



Features

- Windows® CE .NET 4.2 Operating System
- Open architecture
- Wireless communication
- Integrated scanner
- IP54 Certified

Benefits

- User friendly Windows compatible environment
- User accessible 1 SD slot & 1 CF slot
- WiFi(802.11b) + Bluetooth + GSM/GPRS options
- Standard barcode scanner, optional 2D or RFID scanner
- Ruggedized

Cabled

Wireless

Stationary

OEM

OPTICON
always scanning for new ID's

Specifications

PHL 7000 series Ruggedized terminal

Electrical specifications

Main battery: Standard Li-Ion battery pack, 3.7V, 3000 mAh, Optional High Capacity Li-Ion battery pack 3.7V, 4000 mAh

Backup battery: 1 integrated rechargeable backup battery

Charging method: Built-in battery charger by power adapter (110-240V AC / 50/60Hz input, 5V DC / 2.6A output)

Identification

Supported barcode symbologies (1D): on 1D or 2D model: JAN/UPC/EAN incl. add on - Codabar/NW-7 - Code 11 - Code 39 - Code 93 - Code 128 - IATA - Industrial 2of5 - Interleaved 2of5 - Korean Postal Authority code - Matrix 2of5 - MSI/Plessey - RSS-14 - RSS Limited - RSS Expanded - Telepen / 1D model: Chinese post - Code 39 incl. Full ASCII - Italian Pharmaceutical - ISBN - UCC/EAN-128 / 2D model: UK/Plessey - S-Code - Composite Component (CC-A/B/C)

Supported RF tags: with RF-ID plug in on W-LAN/Bleutooth model, inform about the options

Supported 2D symbologies: on 2D model: Aztec Code - Aztec Runes - Data Matrix (ECC200/EC0-140) - Maxi Code (mode 2-5) - MicroPDF417 - PDF417 - QR code

Communication

Interface USB: client and host

Interface W-LAN: 802.11b, WEP, WPA, PSK

Interface Bluetooth: class II compliant, range 5-10 m, SPP, OBEX

Interface GSM/GPRS: optionally built in module, tri-band 900/1800/1900

Other interfaces: CF-II Slot & SD/ MMC Slot: (SD Memory only)

Functionality

Memory FlashROM: 64 MB

Memory RAM: 128 MB SDRAM

Microprocessor: 400Mhz, Intel® PXA255 32 bits RISC CPU

Real time clock: Quartz RTC, time and date programmable, leap year handling

Display: 3.5" 240 X 320 Graphic Transflective TFT, 256K Color LCD with LED adjustable Backlight, 4-Wire Resistance Type Touch Panel

Character fonts: min. 4 lines x 14 characters, max. 10 lines x 18 characters

Indicators: Triple-color charging indication, Dual-color scanning indication

Keyboard: Numeric keypad: 16-keys, Full keypad: 43-keys

Input devices: Passive Stylus or Finger Operation

Programming: Pre-loaded Software: Windows® CE .NET 4.2 Professional, IE 6.0, Inbox, Active Sync

Environmental specifications

Temperature in operation: -10 - +50 °C / +14 - +122 F

Temperature in storage: -20 - +70°C / -4 - +158 F

Humidity in operation: 5 - 95 % (non condensing)

Ambient white light immunity: 4,000 lx max

Ambient fluorescent light immunity: 4,000 lx max

Ambient direct sun light immunity: 80,000 lx max

Shock drop test: 1.5 m drop onto concrete surface

Protection (dust and moisture, IEC529): IP 54

Physical specifications

Dimensions: depending on model:

H - numeric model: 192.5 / 7.58 inches,

H - full key model: 219.5 mm / 8.64 inches,

W: 91.3/78 mm / 3.59/3.07 inches,

D - 1D model: 60.6/42.2 mm / 2.39/1.66 inches,

D - 2D model: 64.6/42.2 mm / 2.54/1.66 inches

Weight body: depending on model (Including standard battery):

min. Ca. 600 g / 1.32 pounds / 1 lb 5 oz ,

max. Ca. 665 g / 1.47 pounds / 1 lb 7 oz,

Connector LIF: supports RS232, USB 1.1 Client, USB 1.1 Host, DC-IN and 100mA 5V DC out

Regulatory

Laser safety class: IEC 825, Class I laserproduct

EMC: CE, FCC

Enclosed items

Cable: USB client cable for terminal

Power supply: AC Adapter 5V DC 2.6A, AC Power cord

Main battery pack: Standard battery pack 3.7V DC 3000 mAh

Strap: Handstrap

Operating tool: Stylus

Other: Ear microphone, CF support guide

Accessories

Sold separately

Cable: RS232 serial cable for terminal, USB host cable for terminal

Main battery optional: High-capacity Li-Ion Battery Pack 3.7V DC 4000mAh

Charger: AC adapter for single dock/battery charging 5V DC 6.5 A, Car charging adapter

Single cradle: Single dock IRU 7000, AC adapter for single dock/battery charging 5V DC 6.5 A

Case: Holster

Grip: Pistol

Protection: LCD Protective Film

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always scanning for new ID's