

Spezifikationen / Dolphin 9500/9550

System Architecture

Processor: Intel X-Scale PXA255 400MHz

Development Environment: Dolphin SDK add-on for Pocket PC 2002 supports Embedded VB or C++®, Dolphin .NET SDK add-on for Pocket PC 2002 supports Visual Studio.NET®, VB.NET®, C#.NET, HHP custom libraries and utilities.

Operating Platform: Microsoft Pocket PC Professional Edition

Third-Party Software: Support for Connect Terminal Emulation software (TNVT, 3270, 5250), Java Virtual Machine (JVM) runtime

Memory: 64MB RAM x 32MB non-volatile Flash

Data Inputs

Imager/Scanner: IT4000 Standard Range (SR), with green aimer, decodes from 2.5 to 12.5 in. (6.3 to 32 cm.) OR

IT4000 Smart Focus (SF), with green aimer, decodes from 2.1 to 8.9 in. (5 to 22.6 cm.) Specifications are for 100% UPC Code.

1D Symbologies Read: Code 3 of 9, Interleaved 2 or 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC, RSS

2D Symbologies Read: PDF417, MaxiCode, Data Matrix, QR, RSS Composite, Aztec, OCR

Composite Codes RSS -14, Codablock F, Aztec Mesa, EAN·UCC

OCR Fonts: OCR-A, OCR-B

Keyboard: Three backlit keyboard options: 35-key numeric-shifted alpha, 43-key alpha-shifted numeric, and 56-key full alpha/numeric

Data Outputs

Display: 1/4 VGA (240 x 320 portrait mode) color TFT LCD OR monochrome display with industrial-grade touch screen

I/O Ports: Industrial-grade mechanical connector supports communications–USB at 12Mbps, serial RS-232 up to 115Kbps– and charging via cradles or AC adapter cables, IrDA port-Integrated, Speaker-Integrated, Microphone-Integrated, Headset-jack

Mass Storage: User-accessible Secure Digital memory interface

Wireless Radio Options

WLAN: IEEE 802.11b DSSS Authentication Methodologies: LEAP, MD5, TLS, TTLS, and PEAP

WWAN (9500 only): GSM/GPRS Tri-band (900, 1800, 1900 MHz) radio with accessible SIM card interface

WPAN: Bluetooth® radio

Physical

Dimensions: 9.6"L x 3.45"W x 1.66"D at display (24.53 x 8.76 x 4.23 cm), 2.7"W x 1.5"D at grip (6.9 x 3.8 cm)

Weight: 9500 terminal–Batch: 19.7 oz. (558 gm); WLAN: 20.2 oz. (573 gm), WPAN: 20 oz. (567 gm), WLAN/WPAN: 20.3 oz. (576 gm)

9550 terminal–Batch: 23.4 oz. (663 gm); WLAN: 23.9 oz. (677.5 gm)

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Operating Temperature: 14 to 122°F (-10°C to 50°C); can operate in temperatures down to -20°C with potential degradation in performance depending on the application

Storage Temperature: -4° to 158°F (-20° to 70°C)

Humidity: 95% humidity, non-condensing

Electrical Static Discharge: 15 kv on all surfaces

Impact Resistance: Withstands multiple 5ft. (1.5m) drops onto concrete

Environmental Resistance: Independently certified to meet IP64 standards for moisture and particle resistance

Power: Lithium-Ion battery technology – 7.4V, 14.8 watt-hour main battery with hot-swappable design for fast replacement in the field

Other: Integrated stylus with optional tether and removable hand strap

Peripherals/Accessories

Dolphin HomeBase™ Charging/communications cradle with Auxiliary Battery Well. Data transfer via RS-232 serial or USB ports.

Dolphin Mobile Base Mobile charging/communication cradle. Data transfer via RS-232 serial. Power out at 5 volts for peripheral devices.

Dolphin QuadCharger™ Four-slot battery charger that charges four batteries in under four hours. One slot doubles as a battery analyzer.

Dolphin Mobile Charger Charges a Dolphin terminal by plugging into a vehicle cigarette lighter/power port .

Dolphin NetBase Four-slot charging/communication cradle designed for Ethernet-based communications.

Dolphin ChargeBase™ Four-slot charging cradle—each slot holds, powers, and charges a terminal.

Charging/Communication cables USB or serial cables that charge and communicate with the terminal directly, without a cradle.

Li-Ion Battery Pack 7.4V, 14.8 Watt Hour Lithium Ion rechargeable main battery for the Dolphin.

Regulatory Approvals

FCC-CE-Radio Country: US/Canada, R&TTE