

Maximise Performance Through Integration



Today's demanding business environment requires quick responses to rapidly changing needs and ever increasing accuracy and productivity. In the past, businesses have relied on a patchwork of technologies to get many tasks complete. Now with the WORKABOUT PRO Speech hand-held computer, these tasks can be performed with a single device.

Custom Integrated Speech Module (ISM) with tight integration to main logic board provides superior audio quality and enables up to 99.9% accuracy.

Vocollect Voice® the industry-leading voice recognition software provides simplicity of use in a powerful and accurate package.

Multiple scanner and imager options are ideal for accurately capturing bar codes on every scan for today's most popular symbologies. The add-on RFID module offers seamless integration with the device as business needs evolve.



ADVANTAGES

- **Integrated Speech Solution:** Make your warehouse talk with a multi-modal, multi-function device and put Voice-Directed Work™ into business critical data collection applications.
- **Tightly engineered:** Integrated Speech Module (ISM) provides exceptional hardware integration to main logic board which enables up to 99.9% accuracy.
- **Flexibility:** Choice of Windows Mobile 2003 SE or CE .NET. for outstanding software application flexibility. All relevant worldwide RFID Standards in LF (125 - 134.2 KHz) or HF(13.56MHz) technologies are supported in a fully integrated device. Compact Flash and SD/MMC memory expansion slots combine with USB, and a 100-pin High Speed Expansion interface, to provide flexible radio and peripheral connectivity. Expansion modules deliver even more functionality. A Hardware Development Kit (HDK) combines with the Psion Teklogix Mobile Devices SDK to support the development of customised third party hardware/software solutions.
- **Ruggedness:** The rugged design of the WORKABOUT PRO delivers overall system uptime for increased productivity even in harsh environments. Rated at IP54, the WORKABOUT PRO is protected against dust and water sprayed from all directions. In addition, the WORKABOUT PRO can withstand multiple 1.2m drops to polished concrete, as well as, the shock and vibration consistent with mounting in a truck.
- **Ergonomics:** The ease of use and portability of the WORKABOUT PRO combine to deliver exceptional ergonomics. The ¼VGA, daylight readable touchscreen display and well laid out, backlit keyboard simplify device interaction. (Two keyboard layouts available.) The portable size and low weight deliver full-shift comfort.

WORKABOUT PRO Speech Hand-held Computer



Specifications*



WORKABOUT PRO C Speech
Hand-held Computer



WORKABOUT PRO S Speech
Hand-held Computer



*WORKABOUT PRO C

- Colour-Touch Screen Display
- 64 MB Flash
- 128 MB RAM
- Integrated Bluetooth

*WORKABOUT PRO S

- Colour-Touch Screen Display
- 64 MB Flash
- 128 MB RAM
- Integrated Bluetooth

PROCESSOR

- 400MHz Intel XScale PXA255

OPERATING SYSTEM

- Microsoft Windows CE .NET 4.2
- *Windows Mobile 2003 SE

RFID MODULE OPTIONS

- HF module
Frequency: 13.56 MHz
Tags supported: ISO 15693, Philips ICode™, TI Tag-It™; Tagsys (C210, C220, C240, C270)
Read/write range up to: 70 mm
- MIFARE module
Frequency: 13.56 MHz
Tags supported: ISO 14443 A&B, Mifare
Read/write range up to: 50 mm
- LF module
Frequency: 125 KHz; 134.2 KHz
Tags supported: EM 4x0x; EM 4x50;
Hitag 1 & 2; ISO FDXB
Read/write range up to: 70 mmd

PROGRAMMING ENVIRONMENT

- HTML, XML
- Psion Teklogix Mobile Devices SDK
- APIs for the Hardware Development Kit
- Compact Framework
- Java
- Standard protocol APIs
Windows sockets (Windows CE .NET)

WIRELESS COMMUNICATIONS

- Optional expansion modules for:
802.11 b/g (via Compact Flash)
GSM/GPRS/EDGE (via expansion interface)
CDMA/1xRTT (via expansion interface)
- Integrated Bluetooth class II, ver 1.1, 5m or 16.4 ft range standard on WORKABOUT PRO C and S
Note: WAN, 802.11 b/g, and Bluetooth are available simultaneously on C and S models

APPLICATION SOFTWARE

Windows CE .NET 4.2

- Internet Explorer 6.0 for CE
- Open TekTerm
- ANSI, TESS terminal emulations IBM 3270, IBM 5250, HP 2392
- PTX Connect
- Mobile Control Center (MCC)
- SIBO Interpreter

Windows Mobile 2003 SE

- Microsoft ActiveSync
- Microsoft Pocket Internet Explorer
- Microsoft Pocket Outlook 2003
- PTX Connect
- Mobile Control Center (MCC)

USER INTERFACE

- Colour-Touch Screen Display
8.9cm (3.5") diagonal, 1/4 VGA, 240 x 320

transflective portrait mode TFT
16-bit colour
Adjustable backlight
Sunlight readable (for outdoor use)
High reliability LED backlight

- Touchscreen (standard)
Passive stylus or finger operation
Signature capture
- Keyboards
Alphanumeric (ME & C models)
Numeric (S model)
Ergonomic ambidextrous one-hand operation
Backlit, high durability hard-capped keys
- Indicators & Controls
Internal speaker with volume control
LED indicating battery charge status

BAR CODE APPLICATIONS

- Optional 1D imager expansion module*
- Optional 2D Imager expansion module*
- Optional 1D laser scanner expansion module*
- Optional 1D High Performance laser scanner expansion module*
- Optional user replaceable pistol grip*

* Note: Available in Pod or End cap configuration

* Note: All are user installable & upgradeable

EXPANSION SLOTS

- One SD/MMC memory card slot - user accessible
- 100 Pin High-Speed Expansion connector; accessible through end-cap or back cover. Supports serial, USB, PCMCIA
- Type II Compact Flash slot accessible through end-cap

OTHER EXPANSION MODULES

- Optional user upgradeable Type II PCMCIA slot
- Hardware Development Kit (HDK) Available

EXTERNAL PORTS

- USB 1.1 Host port on base for tethered USB devices (printers, etc).
- Low Insertion Force Docking Station Port with:
USB 1.1 Device port
USB 1.1 Host port
Battery Charging

POWER MANAGEMENT

- Optional full-shift Standard Lithium-ion (3.7V, 2000 mAh)
- Optional High-Capacity Lithium-ion (3.7V, 3000 mAh)
- Quick swap pack
- Advanced Smart Battery w/ power indicator
- 3 power source options: Runs off battery, AC or automotive power supplies
- Rechargeable, user replaceable, backup battery

ENVIRONMENTAL (STANDARD):

- Operating temp: -10°C to +50°C (14°F to 122°F)
- Storage temp: -25°C to +60°C (-13°F to 140°F)
- Humidity: 5-95% RH non-condensing
- Rain/Dust: IEC 529, classification IP54
- Shock: Multiple 1.2m (4 ft.) drops to polished concrete

ENVIRONMENTAL (SPEECH KIT):

- Drop: 120cm (4') x 26 drops to concrete

- IP: IP54
- Temperature: -10°C to +50°C (14°F to 122°F)
- Weight: ISM= 18.5g (.65 oz), End-cap with Flex Cable= 26.6g (.79 oz)
WORKABOUT PRO S Speech with 3000 mAh battery and 802.11 g radio= 490g (17.28 oz)

PHYSICAL DIMENSIONS (WORKABOUT PRO C MODEL)

- Weight: 454g (16 oz) with battery; add 75g (2.6 oz) with 1D laser scanner expansion module and 19g (0.7 oz) with 802.11 b/g CF card radio.
- Size: Length: 222mm (8.7"), Width: 76 mm (3") at grip area tapering to 92mm (3.6") at display area, Depth: 31mm (1.2") at grip area tapering to 42mm (1.7") at display area.

(WORKABOUT PRO S MODEL)

- Weight: 421g (13.5 oz) with battery; add 75g (2.6 oz) with 1D laser scanner expansion module and 19g (0.7 oz) with 802.11 b/g CF card radio.
- Size: Length: 190mm (7.5"), Width: 75 mm (2.9") at grip area expanding to 98mm (3.8") at display area (including side scan buttons), Depth: 31mm (1.2") at grip area expanding to 44mm (1.7") at display area.

POWER ACCESSORIES

- AC power supply (charge & operate hand-held)
- Automotive power supply (charge & operate hand-held)
- 1 slot battery charger
- Quad battery charger
- Powered cradle for vehicle mount applications

COMMUNICATION ACCESSORIES

- Quad Dock (4-site) w/ 10/100 BaseT Ethernet and charge functions
- Desktop Docking Station (charges hand-held & spare battery) provides USB host and device ports and supports optional 10/100 Base T Ethernet module
- Port Replicator for vehicle cradles (field installable option) includes 3 RS232 ports plus USB port
- Blackroc End Cap
 - 3 Port (RS232, TTL, IrDA)
 - RS232
 - IrDA

ADAPTERS

- Tether to RS232
- Tether to Ethernet
- USB to Ethernet
- USB to RS232

CARRYING ACCESSORIES

- Handstrap, pistol grip w/ trigger; holster; protective vinyl carrying case (w/ optional shoulder strap)

APPROVALS:

- Safety: UL60950-1, CSA C22.2 No 60950-1
- EMC: FCC Part 15 Class B
EN 55022
EN 55024
- Laser: IEC 60825-1, Class 2
FDA 21 CFR 1040.10, 1040.11 Class II
- Bluetooth: 1.1 on C & S models
- In Vehicle Cradle: E Mark

* specifications are subject to change without notice