PA520MCA
Mobile Clinical Assistant

PA520MCA is an ideal Mobile Clinical Assistant (MCA) specially designed for nursing care in hospitals and healthcare institutes. Featuring a comprehensive wireless platform that includes integrated WiFi and Bluetooth communication, making it quick and easy to stay connected.

This user-friendly handheld computer is designed to empower the mobile workforce for daily jobs in healthcare applications. Equipped with an integrated 2D imager, RFID reader and Windows embedded handheld 6.5 operating system all in a compact and durable form factor. The versatile device provides field-based healthcare givers an ideal data collection tool to serve properly for multiple needs in healthcare environments. Weighting just 220g, this compact size and lightweight handheld MCA device is not only ease-of-use by nurses and pharmacists but also small enough to fit in the shirt pocket.

An ideal tool for healthcare givers
The PA520MCA is designed to fit perfectly into the hand of user. A 3.5″ touch screen enables the operator to view clearly and an ergonomic alphanumeric keypad makes data entry simply. The anti-microbial housing makes sure this device specially to be used friendly in healthcare environments following high hygienic regulations.

By using this ergonomic device, the healthcare givers may double check patient identification and prescription orders through bar code and /or RFID tag technology so to ensure correct medication, dosage, and patient identification before medicines are administrated to patients. PA520MCA is truly an excellent tool offers extension of mobility to significantly improve job efficiency and patient safety for seamless Point of Care.

Main features
- Anti-microbial housing
- Lightweight, slim and pocket size form factor
- Fingers operated 3.5″ flat-face Capacitive Multi-Touch screen
- 1D/2D Imager / RFID HF and NFC, the best choice for healthcare
- Powerful CCX4 certified WLAN 802.11 a/b/g/n radio provides good roaming capability for real time communication

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Operation System

CPU	TI AM3703 800MHz
Memory	512MB Mobile DDR RAM
	512MB NAND Flash
OS	Microsoft Windows Handheld 6.5 Classic
Languages support	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

Display

3.5″ flat-face Capacitive Multi-Touch screen Transmissive TFT LCD VGA 480x640. (QVGA 240×320 only applies to the models: PA520-9S60UM-DG and PA520-NS6H9MDG).*

Keypad

22-key Numeric Keypad and 2 sides scanner trigger keys

Indicator

Two LED for charging and scanning

Symbologies

2D Imager

1D codes

Australian Post, British Post, Codabar, Coupon Code, Code 11, Code 32, Code 128, Code 39, Code 93, Dutch, EAN13, EAN8, IATA 2 of 5, ISBT, Japanese Post, Kix code(nl), Matrix 2 of 5, MSI, Planet Code, Postnet, RSS14 expended, RSS14 Limited, RSS14, UPC A, UPC E, UPC E1, GS1-128 (UCC/EAN-128), Standard ZOF5(Discrete ZOF5), Trioptic.

2D codes

Aztec, Datamatrix, Maxicode, Micro PDF417, PDF417, QR Code, Composite CC-A/B, Composite CC-C, GS1-128 (UCC/EAN), TCL39, UPC Composite Mode.

RFID/HR Reader

Frequency:	13.56MHz
Tag Support:	ISO15693, ISO14443A , ISO14443B
	Support NFC

Audio

1W speaker 85 dB at 10cm

Communication

External storage	Support MicroSD memory card up to 32GB
USB	USB 2.0 Client and Host
WLAN	IEEE 802.11 a/b/g/n Summit Radio with Cisco Compatible Extensions (CCX) Version 4 certification
Bluetooth	Bluetooth 2.1 + EDR

Power Source

Main Battery	8.9 Watt-Hour 3.7V @ 2400mAh battery pack
Backup Battery capacity	Max. 2 hours

Expansion Slot

MicroSD	microSD slot with SDHC Support (up to 32GB)

Enclosure

Weight	220g (with battery)
Dimension	125.9mm x 25.0mm x 76.0mm

Environmental

Operating temperature	32°F to 122°F (0°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Charging Temperature	32°F to 104°F (0°C to 40°C)
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.0 meter
Environmental Sealing	IP42

Software

Mobile SIP (VoIP)
Auto Installer
Unitech 12Manage

12Manage & 12Solutions
In-house developed software to en-hance device deployment and remote management. 12[want:to]Solutions including 12Manage improve system reliability, reduce service costs and ensure systems running smootly. **More info: 12manage.unitech.eu or portal.unitech.eu.**

Accessories

-Single Slot USB Cradle
-Battery
-USB communication and charging cable
-Power adaptor with universal plugs
- And many more

Regulatory Approvals

CE, NCC, FCC, BSMI, VCCI, CCC, RoHS compliance

Unitech's service program
UnitCare offers customers a high level of security by a reliable, high-quality and effective program for getting your devices serviced quickly. It also drives the hidden costs out of your installations. UnitCare goes beyond the standard warranty with a complete service offer for different need. **More information: unitcare.unitech.eu.**

*Will become VGA 480x640**.** Subject to change without notice.

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