



PA690MCA

Mobile Clinical Assistant

While the workload and healthcare quality standards are getting higher, hospitals and other medical environments are desperately in need of the latest techniques to offer the best care possible. When people's lives are at stake every mistake is one too many. The PA690 MCA helps healthcare workers do their jobs accurate, quick and responsible, whether its regarding patient care, access control or laundry management. This device offers the next level in healthcare technology; it's the ultimate Mobile Clinical Assistant: PA690 MCA.

Healthcare challenges

The biggest healthcare challenges are the reduction of human errors and a proper administration of every step of the care process. All of this and more can now be done efficiently with the PA690 MCA. This device meets all possible requests of healthcare workers. The anti-microbial housing of the PA690 MCA makes sure this device can be used within healthcare environments w following high hygienic regulations. Because of the integrated 2D imager and optional RFID reader the device can be used in multiple ways. Next to inventory control to avoid out-of stock situations and patient care, the PA690 MCA is the ideal solution for asset management, parking and waste management as well.

See more in healthcare surroundings

The 3.8" WVGA LCD touch screen brings the healthcare workers massive user benefits. The PA690 MCA can show all latest care information as well as medication instructions in one single screen view. Because of the latest communication technology the database is always up-to-date providing 100% accuracy in information recording. Taking care of patients has never been so easy and straightforward, reducing time and money. The 1.5m drop specification and IP65 sealing limits the downtime and repair costs of this assistant to the minimum.

Features

- Anti-microbial housing
- Integrated 2D images, optional HF-RFID reader
- 3,8" WVGA LCD touchscreen
- Rugged: IP65 & 1.5m drop spec
- 2.200mAh battery and an optional 4.000mAh
- USB 1.1, BT2.1+ EDR, WLAN 802.11 a/b/g (CCX4)
- Rich set of accessories

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Expansion Slot

microSD microSD slot with SDHC Support (up to 32GB)
Dual microSD slots in HF RFID model

Communication

USB 1.1 Host & Client
WLAN IEEE 802.11 a/b/g, CCX4 Compliant
PAN Bluetooth 2.1 + EDR

Power Source

Main Battery 8.14 Watt-Hour 3.7V @2200 mAh
 14.8 Watt- Hour 3.7V @4000 mAh
Backup Battery Ni-Mh battery Supports 2 hours backup

Enclosure

Weight 390g(13.76 oz) with 2200mAh Battery
 430g(15.17 oz) with 4000mAh Battery
Dimension 17.7 cm (7 in) x 7.4 cm (2.9 in) x 4 cm (1.6 in)
(Antenna length excluded)

Environmental

Operating temperature 14°F to 122°F (-10°C to 50°C)
Storage temperature -4°F to 140°F (-20°C to 60°C)
Relative Humidity 5% ~ 95% (non-condensing)
Drop Specification 1.5m (5 feet)
Sealing IP65

Software

Microsoft Visual Studio 2005/2008
Mobile SIP(VoIP)
Auto Installer

Notification

LEDs, Vibrator

Mobile Device Management Software and Service

12 Manage Software and configuration management, Asset tracking, remote diagnostics and performance measurement

Accessories

4-slot multi-bay Ethernet cradle
4-slot battery charger
Field Installable Gun grip
USB cradle with battery charger
Ethernet cradle with battery charger
Main battery (2200mAh, 4000mAh)
USB communication and charging cable
RS232 Communication cable
AC adaptor
Mono 3.5mm headset
Car kit

Regulatory Approvals

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

System Features

CPU 806MHz Marvell PXA320 Processor
Memory Mobile DDR: 256MB
 NAND Flash: 512MB
OS Windows Embedded Handheld 6.5 Classic

Display

Transflective color 3.8" full WVGA with backlight 800 x 480 sunlight readable LCD

Camera / Photos / Video

5.0 megapixel autofocus camera with flash
Unitech MPEG-4 video codec (VGA resolution)

Symbologies

2D Imager

1D codes Australian post, British post, Canadian post, Codabar, Code 11, Code 128, Code 39, Code 93, EAN 13, EAN 8, IATA 2 of 5, ITF, ISBT, Japanese post, Kix code (nl), Korean post, Matrix 2 of 5, MSI, Planet code, Postnet, RSS expanded, RSS limited, RSS 14, UPC A, UPC E, UPC E1

2D codes Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, composite, Maxicode, Micro PDF417, PDF 417, QR code, Tc1f lonked C39

Keypad

26-key Numeric keypad

RFID Reader (optional)

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

Audio

Dual Microphone with Echo Cancellation and Noise reduction design
1W Speaker
3.5mm headset jack
Receiver



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