

It's never easy to be the successor of something that brought great value to many types of businesses. But the PA690 has what it takes. It will perform every task it's been asked for....only better!

Screen size does matter!

This mobile computer has what it takes to make the difference in your applications. Complete in every important aspect a modern PDA should bring to businesses, unique in features that bring just that little bit of extra. Unlike the industry's standard touch screens of today, PA690 offers a large 3.8 Wide VGA outdoor LCD for the future of tomorrow. This brings massive user benefits in basically any application. Order taking has never been so easy and straightforward. Multi-tasking is not only designated to human beings. PA690 can show the mobile worker both the latest customer data as well as route directions to the point of service, in one single screen view.

Everything a mobile worker needs

Mobile workers need tools to facilitate their daily job. Mobility solutions should reduce the administrative burden, show the shortest route to the customer and be easy to work with. The PA690 covers all of these demands. Whether you want to track and trace your containers in the field or collect reliable meter data. The PA690 encompasses all modern technologies that bring the efficiency you are looking for. With its 802.11 a/b/g Wifi radio and 3.5G modem the PA690 makes sure the mobile worker can perform both inside and outside the four walls. Extra flexibility can be added by connecting third party hardware such as mobile printers by utilizing the Bluetooth connection. Proof of

service or condition has never been taken so clearly because the PA690 has a 5.0 mega pixels camera with autofocus and flash light. Route directions to any ad hoc service requests are handled efficiently by the U-blox 6 GPS supporting AssistNow® AGPS and GALILEO system.

Earn back your investment... fast!

Merging mobility solutions into your business processes is not only about the initial investment. Choosing the PA690 is a guarantee that the chance on unexpected costs is reduced to a minimum. With its IP65 rating and drop test to concrete of 1.5 meter, the rugged PA690 offers the durability that you expect from an industrial grade PDA. A very rich set of accessories, including a gun grip and car kit solution, adds up to the total amount of efficiency the PA690 brings to you business

Main features

- 3.8" Wide VGA outdoor LCD
- 5.0 megapixels camera with autofocus and flash
- 1D laser scanner reads all common barcodes Optional 2D imager and RFID reader
- Dual mic with echo cancellation and noise reduction
- All latest wireless technologies such as GPS, Wifi and WWAN
- 2.200mAH battery and an optional 4.000mAH battery
- 1.5m drop test to concrete, IP65
- Rich set of accessories such as 4-slot Ethernet cradle, gun grip, car kit and head set











Operation System

CPU Intel PXA320 806MHz **RAM** Mobile DDR 256MB **ROM** NaND 512MB

OS Windows Embedded Handheld 6.5

professional version (phone version) Windows Embedded Handheld 6.5 classic version (non phone version)

Display

3.8" WVGA Transflective color LCD with backlight - 246 DPI

QWERTY or Numeric keypad

Camera / Photos / Video

5.0 megapixel auto-focus camera with flash Unitech MPEG-4 video codec

Indicator

3 Leds indicating Scanning, Bluetooth and GPRS Vibrator

Integrated reading devices

1D Laser, 2D imager, HF-RFID

Symbologies

1D Laser scanner

UPC-A/E, EAN-8/13, Codabar, Code 11, Code 32, Code 93 (full ASCI), Code 128, Interleaved & Std. 2 of 5, EAN 128, Delta, MSI/Plessey,

2D Imager

1D codes

Various postal codes, Codabar, Code 11, Code 128/EAN 128, Code 39, Code 93, Kix code, EAN13, EAN 8, IATA 2 of 5, ISBT, Matrix 2 of 5, MSI, Planet, Postnet, RSS, UPC A, UPC E, UPC E1

Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC Composite, Maxicode, Micro PDF417, OCR, PDF-417, QR Code, Tcif Linked C39

HF 13.56MHZ supports ISO15693, ISO14443 A/B

Communication

USB USB 1.1 Host & Client

WLAN IEEE 802.11 a/b/g CCX4-certified

PAN Bluetooth 2.1 + EDR

WWAN 3.5G Five-bands GSM/GPRS, 850Mhz,

> 900MhZ, 1800Mhz and 1900Mhz, UMTS WCDMA/HSDPA 50Mhz, 1900Mhz,

2100Mhz/GPRS Edge

GPS Ublox 6 GPS supporting AssistNow® AGPS

and GALILEO system

Power Source

Main battery 8.14 Watt-Hour 3.7V @2200mAH

14.8 Watt-Hour 3.7V @4000mAH

Date/time retention - 2 hours - 18mAh Backup battery

Operating time 1scan/5 sec. - 5 hours **Audio**

Speaker 1W - Mono

Headset Connector 3.5 mm 4 pole; L/R speaker & mic

Receiver Microphone

Dual, with echo cancellation and noise reduction

Expansion Slot

Micro SD Support SDHC up to 32GB

Enclosure

Weight 390g with 2200mAh Battery

430g with 4000mAh Battery

Approximately 177.66mm x 74.58mm x Dimension

40.41mm (Antenna length excluded)

Environmental

-10°C to 50°C Operating temperature Storage temperature -20°C to 60°C

Relative Humidity 5% ~ 95% (non-condensing)

Drop Specification 1.5 meter Sealing **IP65**

Software

Mobile SIP

Microsoft Visual Studio 2005/2008

Auto Installer

12Manage & 12Solutions

In-house developed software to enhance device deployment and remote management. 12[want:to]Solutions including 12Manage improve system reliability, reduce service costs and ensure systems running smootly.

More info: www.unitechnical.info



Accessories

Desktop USB Cradle with battery charger Desktop Ethernet Cradle with battery charger 4 slot Multi-Bay Ethernet Cradle

Gun grip

4 slot battery charger Universal Power Supply

Li-lon double battery pack 3,7V 4.000mAh USB communication and charging cable RS232 communication and charging cable

Vehicle Cigarette Light Charger

Belt Holster Headset Stylus

Regulatory Approvals

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



Unitech's service program

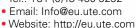
UnitCare offers customers a high level of security by a reliable, high-quality and effective program for getting your devices serviced quickly. It also drives the hidden costs out of your installations. UnitCare goes beyond the standard warranty with a complete service offer for different need. More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



Unitech Europe

Tilburg, The Netherlands

• Tel.: +31 (0)13 460 9292





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