PA700

4.7″ Rugged Industrial Terminal

User Experience (UX) has become the overriding measure of success for nearly every enterprise mobility project. Unitech has built a deep understanding all over the years and created the next generation device to make it legitimate for the business app/ solution makers to demonstrate this principle. The Unitech PA700 industrial terminal brings a new level of personal productivity and functionality to the enterprise. The PA700 is a powerful all-in-one rugged terminal. Equipped with strong industrial-grade functions the PA700 is the ideal digital assistant for any mobile worker.

Brand new champion of enterprise mobility

PA700 uses the strongest growing O/S platform of android to meet the market demands. Meanwhile, it is designed with the specific target users in mind. PA700 enhances the best visual experience with the advanced display technology inside. 312 ppi/ pixel per inch means that the screen has sufficient pixel density to make sure no individual pixel will be seen but only the beautiful display.

The PA700 provides the enterprise the opportunity to get the best investment in return. Longer product life cycle, rugged design (IP65), and 1.2M drop proof, PA700 offers the highest standard you can expect from an industrial terminal. This terminal is light weighted and in a perfect size for two-fingers operation. With the carefully design features, PA700 is definitely the champion of its grade.

The PA700 is an ideal tool to streamline your work process anywhere, at any level, inside the organization and even outside.

Extend your business needs

Enterprise users can simply accelerate their workflow with the PA700's advanced wireless connectivity, allowing users to access and share information easily while they are on the go. Equipped with a 5 MP camera with dual autofocus and LED flash light, makes this device ideal for capturing digital evidence like proof of item condition, field service processes, etc.

It's time to expand current workflows with the Unitech PA700. With an integrated 1D scanner your (mobile) employees can easily use the PA700 to manage inventory, assets, check prices and manage productivity or customer service levels. In addition, it is possible to expand the PA700 with an optional HF/NFC RFID reader/writer, ideal for cashless payment transactions and access control applications.

Main Features:

- Powerful all-in-one industrial terminal
  Combined advanced technologies
- Easy configuration & integration
  Android 4.1.1, TeamViewer certified & Unitech's 12Manage (MDM)
- Portable tool for any mobile worker
  GSM, 3.75G, WiFi, GPS, BT & WLAN
- Extend your business needs
  From 1D, 2D to HF/NFC reader, 5MP Camera, etc.

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Operation System

Processor	TI OMAP 4470 1.5Ghz Dual Core Processor
System Memory	DDR2 1GB SDRAM Flash ROM:512MB
OS	Android™ v4.1.1 Jelly Bean API Level 16
Storage	8GB eMMC Flash
Other	Built-in Light & Proximity Sensor Built-in G-Sensor Built-in eCompass

Display

Type touch screen	5-point capacitive Multi-Touch Panel
Display Type	4.7″ TFT LCD
Max. Resolution	1280 x 720
Screen material	Gorilla® glass with 7H hardness

Camera / Photos / Video

Camera	5M Pixel camera Dual Auto Focus LED flash light

Symbologies

1D CCD Barcode scanner (version)

1D	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCI, Code 93,Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey,Code 128, Toshiba, RSS expended, RSS Limited, RSS14.

2D Imager (version)

1D	All All major codes l Barcode
2D	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX).

RFID Reader/writer (optional) HF/NFC	Frequency: 13.56MHz Support: ISO15693, ISO14443A , ISO14443B Support NFC

Communication

WLAN	802.11 b/g/n
PAN	Bluetooth® 4.0
WWAN	3,75G modem module
Navigation	GPS, Digital Compass

Audio

3.5mm stereo headphone jack
Built- speaker & microphone

Keypad

4 function keys, 2 scan keys, volume keys, power key

Indicator

1 LED indicate charge/Message, Vibrator

Power Source

Main battery	Li-Ion battery pack 11.91Wh 3.7V @3220mAh
Operating time	+/- 6 hours
Super capacitor	Max. 1 hour

Expansion Slot

1x Mini USB 2.0 On-The-Go (OTG)
1x Micro SD Card Slot (up to 32GB)

Enclosure

Weight	285g, (with battery)
Dimension	160mm x 80mm x 17.4mm (without engine)

Environmental

Operating temperature	-10 to 50˚C
Storage temperature	-20 to 60˚C
Relative Humidity	5 to 95% (non-condensing)
Drop Specification	1.2 meter
Environmental Sealing	IP65, Compliance
Vibration and Shock test	MIL-STD-810F, 514.4 process II

Software

12Manage and **12Solutions** are Unitech's software solutions to enhance device deployment and remote management. This software improves system reliability, reduces service costs and ensures systems running smoothly. **More info: portal.unitech.eu**

Accessories

Single slot USB client cradle with single slot battery charger
Power adaptor with universal plugs
3220mAH standard Battery
MicroUSB Cable
Handstrap

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.

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