PA720

Enterprise Digital Assistant

Compact design but powerful, unitech PA720 enterprise digital assistant brings performance, durability and speed into a distinctive device. Powered by the latest Android 6.0 operation system and a quad-core processor, this device improves overall stability and delivers unparalleled performance. In addition, PA720 is also integrated barcode imaging technology and 4G LTE wireless communication. It is a versatile data collection tool for every need in the enterprise solutions.

Rugged yet Stylish

Unitech new PA720 gives user a smart phone experience but in a durable package. Built with a sunlight readable 4.7-inch color multi-touch display, this device enhances a Gorilla Glass 3 screen with 7H hardness to keep it scratch free, along with a stylish round edges design at weight of less than 287g (with standard battery), PA720 is available to read in direct bright sunlight and it is portable to take around anywhere you go. Besides, engineered with industrial grade materials, this enterprise digital assistant is rugged enough to drop from the 1.5 meters onto concrete and it is available to survive through the harsh environments with its IP65 waterproof and dustproof rating. The PA720 is highly reliability to meet the needs in a wide range of mobile workforce.

High Productivity with Superior Performance

When a flexible device is in demand, the PA720 provides the Android 6.0 operating system, allowing users to develop in an open source platform with thousands of enterprise grade applications. In addition, PA720 is integrated an advanced 64-bit quad-core CPU (1.3GHz) and 3GB RAM and power your business applications. This device is also equipped with an 8 megapixel rear-facing camera that user can capture pictures, video, documents instantly, as well as a 5 megapixel front-facing camera for video communication or self video recording. Featuring superior 1D and 2D barcode reading performance, it ensures read reliability for mobile phone screens and paper in any orientation. The PA720 gives your workforce the technology it needs to take your business to the next level.

Blazing-fast 4G LTE network

Designed to be used in the work environment, PA720 offers blazing-fast 4G LTE network, WiFi 802.11 a/b/g/n, which enable users to download files from the internet up to 10 times faster than with 3G. Moreover, it also supports GPS, GLONASS, NFC and Bluetooth 4.1 that gives users to use of location-based services or get connected in the way that is best suitable their requests.

User-Friendly Functionality

The PA720 is constructed for using in physically active environments, such as for field service workers and business-critical applications. In order to be user-friendly, this device is not only built in an easy hot-swap battery design that allows users to change batteries without having to power off the devices, but also is equipped with an zero shutter lag time function that improves the lag between clicking the camera and barcode scanning to speed up the picture taking process. Furthermore, the PA720 is implemented the physical function button set (Back, Home, Menu, Camera) and it supports versatile MDM (mobile device management) systems such as Airwatch, SOTI, 12Management and MoboLink which offers a more efficient experience and maximize the productivity in the enterprise.

Features

- 4.7″ enterprise digital assistant with latest Android 6.0 Marshmallow operation system
- Integrated superior 1D/2D barcode imaging technology and dual cameras
- Unparalleled performance with 64-bit quad-core processor (1.3GHz) and 3GB RAM
- Support blazing-fast 4G LTE wireless communication
- Easy Hot-swap battery design without downtime
- Support versatile MDM systems: Airwatch, SOTI, 12Management and MoboLink
- Robust Pogo pins: Twice longer life cycle compared to Micro USB

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PA720
Software Solution

Introduction

It's time to make the most of your unitech hardware. Experience a host of software solutions tailored for the needs of your enterprise.

Whether it's managing a deployment of unitech handhelds in the field or using a 3rd party app to unite all of your devices, Unitech can help you get more out of your investment. The possibilities are endless.

unitech also offers customized solutions and software for business needs. Please contact us for more information.

Solutions

MoboLink
Hyperlink to your mobile devices

Connect your devices to an IoT platform to collect data from devices and exchange with other systems via RESTful APIs. A web management portal enable managing devices and data easily.

Library

Programmable keys
Provide an easy way to flexibly define the function of each Android keypads.

Smart Device program
Apply IFTTT concept to define actions while a certain condition happens. (powered by Macrodroid)
*3rd-party

Silent OS update
Zero touch updates enable OS updates remotely and concurrently.

Compliant APPs

SOTI

TeamViewer

Utilities

12Manage
A light-weight device management tool to allow you updating application to multiple devices at a time and give you insight into the state of all the devices you deploy

Enterprise launcher
Define applications on the Launcher to avoid users changing settings or using any other applications not for work.

Scanner configuration
Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.

Enterprise configuration
Allow enterprise configura- tions such as disabling welcome page and specifying applications which will automatically run after boot up

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PA720
Specifications

System Features

CPU	1.3GHz Quad Core Processor
Memory	3 GB RAM
	16 GB Flash
Expanded slot	MicroSD, up to 128 GB
OS	Android 6.0
Languages support	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages

Display

Gorilla Glass 3 with 5-point Capacitive Touch Panel

4.7″ Color LCD 1280X720 High Resolution Display

Keypad

4 Function Keys, Push-to-talk key, Volume up/down key, Left/right scan key, Power key

Indicator

3 color LED to indicate charge, scan and message
Vibrator

Symbologies

1D CCD	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	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)

Audio

Speaker 85 dB at 10cm, 3.5mm Audio Jack, Receiver, Microphone

Communication

Camera and Flash Light	8.0 MP Rear, 5 MP Front camera
Bluetooth	Bluetooth 4.1 BLE Supported
Interface	USB 2.0 w/ Pogo Pin
USB	USB 2.0 host / client
WLAN	IEEE 802.11 a/b/g/n
WWAN	2G – GSM: GSM850, EGSM900, DCS1800,PCS1900
	3G – UMTS: Band 1, Band 2, Band 5, Band 8
	4G –LTE: FDD Band 1(2100), Band 2(1900), Band 3(1800), Band 5(850), Band 7(2600), Band 8(900), Band 20(800)
	TDD: Band 38(2600), Band 39(1900), Band 40(2300), Band 41(2500), SIM slot x1
GPS	GPS/ GLONASS
RFID/HF	Frequency: 13.56MHz
	Tag Support: ISO15693, ISO14443A , ISO14443B
	Support NFC, SAM slot x1(option)

Power Source

Main Battery	Rechargable Li-ion Battery (Hot Swappable) Typical 3.6V 3220mAh Minimum 3.6V 3120mAh
Extended battery	Typical 3.6V 4800mAh Minimum 3.6V 4660mAh

Enclosure

Weight	287g
Dimension	171.3mm x 29.3mm x 80mm

Environmental

Operating temperature	-4°F to 122°F (-20°C to 50°C)
Storage temperature	-22°F to 140°F (-30°C to 60°C)
Relative Humidity	5% ~ 95% (Non-Condensing)
Drop test to Concrete	1.5 meter
Environmental Sealing	IP65
Vibration and Shock test	MIL-STD-810G, 514.4 Process II

Regulatory Approvals

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

Accessories

4-slot Ethernet Cradle
4-slot Terminal Charging Cradle
1-Slot USB Cradle
1-Slot Ethernet Cradle
USB Holder Cable
Main Battery
Extended Battery

Headquaters
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