EA630

Rugged Smartphone

The unitech EA630 is a 6-inch rugged mobile smartphone offering 80% screen to body ratio, featuring versatile functionality with powerful data collection. Specially designed for portability, the EA630 is combined with compact and durable design that makes it an ideal tool to increase higher efficiency for applications in the retail, hospitality and light-duty field service.

Android device with high screen to body ratios

Powered by Android 9 OS with GMS Certified, the EA630 rugged smartphone has a 6-inch 18:9 display as offering 80% screen to body ratio. It also provides the 450nits brightness for easy viewing in outdoor environment.

All-In-One functionality

The EA630 has an integrated 1D/2D scanning capability, as well as an integrated HF/NFC RFID reader/writer, GPS, and a high resolution 16MP camera in a compact device. It allows users to add values to your device with the unique UHF RFID gun grip or 2D long-range gun grip (optional). Just simply attaches it and it delivers a convenient way to support standard barcode scanning, RFID scanning or 2D long-range scanning in inventory tracking and taking solutions.

Durable design

Featuring fastest data speeds with Bluetooth$^®$ 5, dual bands WLAN with fast roaming and 4G connectivity, the EA630 is an excellent mobility device and improves productivity. It enhances the industrial durable protection with features including IP65 dustproof, waterproof and 1.2 meters resistant to fall protection. (1.5 meters with boot case)

User-Friendly Functionality

With a long-lasting 4000mAh removable battery, the EA630 offers continuous use for days and it is easily replaced. It also has the various accessories and supports MDM software solutions and utilities that allow users to meet the needs of your applications.

Features

- 6 inch rugged smartphone with a screen-to-body ratio of over 80%
- Android 9.0 OS with GMS Certification
- All-In-One functionality: 2D Imager, HF/NFC and 16MP camera
- Rugged: Corning$^®$ Gorilla$^®$ Glass 6 touch display, IP65 rated, and 1.2M drop (1.5M with boot case)
- Long-lasting removable 4000mAh battery
- Support Bluetooth$^®$ 5 / dual bands WLAN with fast roaming / 4G LTE
- Support MDM Software Solutions and utilities such as AirWatch, SOTI, and MoboLink.

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Communication

Camera	16 MP Rear and Flash Light
Bluetooth®	Bluetooth® 5 supported
USB	USB 3.1 (type-C) support USB OTG
WLAN	Wireless LAN 802.11a/b/g/n/ac, 2.4GHz and 5GHz
	Support 802.11d/e/h/i/k/r/v, fast roaming
	Compliant with WEP, WPA and IEEE 802.11i WPA2
WWAN	GSM： 850,900,1800,1900 MHz
	WCDMA： Band 1, Band 2, Band 5, Band 8
	LTE:FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B 12/B17/B19/B20/B28)
	TDD-LTE (B38/B39/B40/B41)
	Dual nano SIM Slot
GPS	AGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS
NFC	Support ISO14443-4 (Type A/B) , ISO15693 , Mifare , Felica (ISO/IEC18092)
Sensor	Gyroscope, Light sensor, e-Compress, Proximity sensor, Accelerometer sensor, SAR sensor

System Features

CPU	Qualcomm Snapdragon , 1.8GHz 636 Octa core 64-bit Processor
Memory	3 GB RAM
	32 GB Flash
Expanded slot	MicroSD, up to 256 GB
OS	Android 9 with GMS certification
Languages support	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages

Display

Capacitive type 5 points multi-touch touch panel with Gorilla® 6 Glass
6", 18:9 Full-HD (2160 x 1080), Backlight, 450nits

Enclosure

Weight	230g
Dimension	157mm x 76.4mm x 13.9mm

Symbologies

2D Imager	1D : UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Matrix 2 of 5, MSI, Trioptic,
	2D : PDF417, MicroPDF417, GS1 Composite , Code11, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code, DOT Code
	Postal : Intelligent Mail Barcode, Postal-4i, Australian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code
	OCR : OCR-A, OCR-B, E13B (MICR)

Environmental

Operating temperature	-10°C to 50°C
Storage temperature	- 30°C to 70°C (without battery)
Relative Humidity	10% ~ 90% (Non-Condensing)
Drop test to Concrete	1.2m MIL-STD 810G, 1.5m with boot case
Environmental Sealing	IP65

Audio

One speaker (95±3dB @ 10cm), One receiver , Dual noise-cancelling microphones

Accessories

Stylus
Hand strap
Quick charge adaptor (via USB type-C cable)
USB 3.0 type-C cable
9H glass screen protector
Single Slot Charging cradle
Single Slot USB cradle
Single Slot Ethernet cradle
4 Slots Ethernet cradle
4 Slots Terminal Charging cradle
Gun grip: standard/ 2D Long Range / UHF

Power Source

Main Battery	3.85V, 4000mAH Li-polymer battery

Regulatory Approvals

CE, FCC, NCC, BSMI, VCCI, CCC, RoHS, CEC, BQB, N-Mark compliance.

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Headquarters
Taipei, Taiwan
http://www.ute.com e-mail: info@hq.ute.com

unitech America
Los Angeles
http://us.ute.com e-mail: info@us.ute.com
http://can.ute.com info@can.ute.com
Mexico
http://latin.ute.com e-mail: info@latin.ute.com

unitech Asia Pacific & Middle East
Taipei
http://apac.ute.com info@apac.ute.com / info@india.ute.com
http://mideast.ute.com info@mideast.ute.com

unitech Europe
Tilburg / Netherlands
http://eu.ute.com e-mail: info@eu.ute.com

unitech Japan
Tokyo
http://jp.ute.com e-mail: info@jp.ute.com

unitech Greater China
Beijing, Shanghai, Guang Zhou, Xiamen
http://cn.ute.com info@cn.ute.com
Taipei http://tw.ute.com info@tw.ute.com

www.ute.com
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EA630
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 the unitech handcrafted enterprise-ready IoT Platform solution for easy remote device management and data collection. A selection of MDM RESTful APIs are also available for integration with your other business systems.

Management

StageGO

Device staging utility that allows you to configure devices by just a few simple barcode scans.

Enterprise Launcher

Kiosk and lock down your devices by restricting access to only the selected applications, settings, and the Safe Mode.

Over-the-air Updates

Software updates over-the-air at your fingertips, built-in tools for you to check OS and unitech software updates.

Compliant APPs

SOTI
TeamViewer
42GEARS
vmware airwatch

Configurations

Enterprise configuration

View and manage enterprise configurations such as disabling welcome page, apps auto-run, advanced WiFi and battery info.

Scanner Configurations

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

Programmable Keys

Provide an easy way to re-define the key function of each Android keypads or to launch an app.

Unitech APIs

APIs for your apps to interface with the device configurations and MDM features such as Silent OS Update, Programmable Keys and Scanner Configurations.

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