



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 & AER 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 & AER 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.



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 (Google Mobile Service) certification AER (Android Enterprise Recommended)
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

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)
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Audio

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

Power Source

Main Battery 3.85V, 4000mAh Li-polymer battery

Regulatory Approvals

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

Communication

Camera	16 MP Rear and Flash Light
Bluetooth®	Bluetooth® 5 supported
USB	USB 3.1 (type-C) support USB OTG (support quick charge and display port alternate mode)
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 4G 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-Compass, Proximity sensor, Accelerometer sensor

Enclosure

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

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

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	



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





EA630

Software Solution

EA630 comes built-in with software that aims to take your mobile agility and productivity to the next level.

The unitech software experience begins with the unboxing of your devices. The Android Enterprise ZeroTouch and QRCode enrollment techniques give you the power to swiftly and securely stage and deploy all your devices, install your enterprise apps, and set corporate compliant configurations with just a few simple clicks and barcode scans. Drive down time spent and drive up productivity.

The unitech software solutions included in this device streamline your business workflow in MDM, MAM, device staging, configuration, and productivity, it supports the OEMConfig standard and is compatible with major 3rd party EMM solutions on the market. Unitech also offers customized solutions and software for your business needs, helping you to get more out of your investments. The possibilities are endless.

Android Enterprise Compliant



MoboLink

MoboLink is the ultimate EMM solution engineered by unitech. Enroll MoboLink onto your devices with Android Enterprise ZeroTouch or QRCode and effortlessly and securely remote monitor, stage, and manage all your devices connected online. MDM REST APIs are also available for integration with your other business systems.



StageGO

StageGO is the prime device staging solution from unitech compatible with Android Enterprise Device Enrollment. Enrolling StageGO with ZeroTouch or QRCode will get you the power to fully manage your corporate owned unitech devices securely without the need for them to be network connected. Upgrade to MoboLink later if you are ready to move onto online-based EMM workflow.



OEMConfig

This unitech mobile device supports the Android Enterprise OEMConfig standard. Combining the best of the both worlds, you will be able to use your favored 3rd party EMM software and still have the ability to configure unitech-specific custom settings offered by the OEMConfig application.

3rd Party EMMs

SOTI

42GEARS

vmware

Management



Enterprise Launcher

Kiosking and restricting access to only the whitelisted apps and settings.



BatteryInfo

Monitor battery health and know in advance if battery needs to be replaced.



Software Update

Keep all your installed unitech software apps up-to-date.



System Update Center

Check and install OS updates over-the-air or via a local file.

Productivity



File Manager

Manage files and directories on the internal and external storage options.



UNote

A simple text editor for general use.



Startup

Define apps to be autorun when device boots up.



Scan Service

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



Key Remap

Reprogram physical buttons to act as another key or to launch an app.



WLAN Advanced

Configure advanced WLAN settings such as power saving mode and roaming parameters.