HUAWEI U9510E Smart Phone V100R001

Product Description

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1 Product Overview

1.1 Introduction

HUAWEI U9510E is a smart phone developed by HUAWEI. It is based on Google Android^{TM} 4.0 Operating System. They give you an excellent browsing with the Operating System from Google™, all in a beautiful thin touch screen phone.

- Android 4.0 (Ice Cream Sandwich)
- Quard core 1.4 GHz CPU HI3620+IMC XMM6260
- 4.5 inch TFT IPS+ touch screen supporting Multi-touch and auto rotation
- 1GB RAM+8GB ROM
- Wi-Fi 802.11 b/g/n
- Support for MHL to HDMI output 1080P 30fps video
- 8 MP main camera + 1.3 MP second camera
- Dolby DM3 sound technology, Dolby Digital Plus decoding technology
- DLNA
- Bluetooth 3.0, Support for Bluetooth keyboard and Bluetooth mouse
- Proximity sensor
- Light sensor
- Digital compass
- Accelerometer
- gyroscope
- Dual LED lightning flash
- Dual microphone noise reduction with Audience earSmart^{TM} processor
- Abundant Google applications
- USB OTG Host, support for external USB keyboard, mouse, and U-disk

1.2 Appearance of HUAWEI U9510E

2 Technical Specifications

2.1 Hardware

Table 2-1 Hardware Specifications

Item	Specifications
Shape	Bar-type
LCD	• Size: 4.5 inch • Type: TFT IPS+ LCD • Color: 16 M colors • Resolution: HD 1280 x 720
Dimensions	129.9 mm (L) × 64.9 mm (W) × 11.5 mm (T)
Weight	About 145 g (including the battery)
Frequency band	• WCDMA 2100 MHz: 1920–1980 MHz (UL), 2110–2170 MHz (DL) • WCDMA Band II [1900 MHz]: 1850-1910MHz (UL), 1930-1960 MHz (DL) • WCDMA Band IV [1700 MHz]: 1710-1755 MHz (UL), 2110-2155 MHz (DL) • WCDMA Band V [850 MHz]: 824-849MHz (UL), 869-894 MHz (DL) • WCDMA Band VIII [900 MHz]: 880-915 MHz (UL), 925-960 MHz (DL) • GSM 850 MHz: 824–849 MHz (UL), 869–894 MHz (DL) • GSM 900 MHz: 880–915 MHz (UL), 925–960 MHz (DL) • GSM 1800 MHz: 1710–1785 MHz (UL), 1805–1880 MHz (DL) • GSM 1900 MHz: 1850–1910 MHz (UL), 1930–1990 MHz (DL)

Item	Specifications
Maximum transmit power	• WCDMA Band I[2100MHz]/ Band V[850MHz]/Band VIII[900MHz]：+23.5dBm（Power Class 3） • Band II[1900MHz]/Band IV[1700MHz]：+23dBm（Power Class 3） • GSM 850MHz/900MHz：+32.5dBm (Power Class 4) • GSM 1800MHz/1900MHz：+29.5dBm (Power Class 1) • EDGE 850MHz/900MHz：25dBm(+/-3 dBm) • EDGE 1800 MHz/1900MHz：24dBm(+/-3 dBm)
Static sensitivity:	WCDMA Band I[2100MHz]/Band II[1900MHz]/Band IV[1700MHz]/Band V[850MHz]/Band VIII[900MHz] : better than -110 dBm/3.84 MHz • GSM 850 MHz: better than -109 dBm • GSM 900MHz: better than -109 dBm • DCS 1800MHz: better than -109 dBm • PCS 1900MHz: better than -108 dBm
Network rate	• WCDMA: 384 Kbit/s (UL), 384 Kbit/s (DL) • HSDPA: 21 Mbit/s • HSUPA: 5.76 Mbit/s • GPRS/EDGE: 118.4 Kbit/s (UL), 236.8 Kbit/s (DL)
SIM card interface	Standard 6-pin SIM card interface, not support hot swap
External interface	Standard Micro USB, microSD Card slot, 3.5mm headset jack
External memory support	microSD Card (up to 32GB)
Processor	Hisilicon HIi3620 1.4GHz+IMC XMM6260
Memory	• ROM: 8 GB • RAM: 1 GB
Device control:	soft touch keys (Back, Home, Menu) Physical Power and Volume key, Charge indicator
GPS	GPS/AGPS/SUPL1.0/Glonass
Temperature	Operating temperature: -10 ℃ － +40 ℃ Warehouse temperature: -40 ℃ － +70 ℃
Battery	• Capability: 2600 mAh Li-Polymer • Standby time (Depends on the user operation and network condition): Up to 500 hours (3G) • Talking time (Depends on the user operation and network condition): Up to 900 mins (3G) • Charging Time: 4 hours from supplied charger

Item	Specifications
Relative humidity	Working: 5% - 95%
Camera	Main camera：8 MP AF Camera Front camera：1.3 MP HD
Bluetooth	Bluetooth 3.0
WiFi	802.11b/802.11g/802.11n, Wi-Fi hotspots
USB	Micro USB 2.0, 480Mbit/s
Power supply	100 ~240 V, 50/60 Hz, 1A
Certification	FCC, CE, WIFI, BT
Sensor	• Proximity sensor • Light sensor • Digital compass • Accelerometer • gyroscope

2.2 Software

Table 2-2 Software Specifications

Item	Specifications
Operating system	Android™ 4.0 (Ice Cream Sandwich)
Input method	Android keyboard
Browser	HTML, Android Native Browser
Messaging	• SMS • MMS
Email	POP3/IMAP/Exchange
Multi-media	• Audio Codec: MP3, WMA2~9, AMR-NB, AMR-WB, AAC, AAC+, eAAC+, MIDI • Audio file format: *.mp3, *.mp4, *.3gp, *.wma, *.ogg, *.amr, *.aac, *.flac, *.wav, *.midi • Video Codec: MPEG4, H.264, H.263, Real Video7~Real Video10, WMV9, XVID • Video file format: *.3gp, *.mp4, *.wmv, *.rm, *.rmvb • Image Codec: png, gif (static), jpeg, bmp, AC3 • Image file format: *.jpeg, *.png, *.gif, *.bmp

Item	Specifications
Streaming media	• Audio Codec: AMR-NB, AAC, AAC+, eAAC+ • Video Codec: H.263, H.264, MPEG4 • File Format: *.mp4, *.3gp
USB function	• Charging • MHL to HDMI output • Support for the phone to Network Interface Card • USB OTG Host • U-disk
Camera & Video resolution	Main camera: Photo(4:3 Non-widescreen): 8M: 3264×2448, 5M：2592×1944, 3M: 2048×1536, 1.3M: 1280×960, 0.3M: 640×480 Video: 1080P, 720P, QHD, VGA , QVGA, QCIF Second camera: Photo(4:3 Non-widescreen) : 1.3M: 1280×960, 0.3M: 640×480 Video: 1280×720, VGA, QVGA, QCIF

2.3 Function Features

Table 2-3 Function Features

Item	Specifications
Home screen	Android Native Home Screen
Tools	Calculator, Notepad, Sound Recorder, Calendar, Flashlight, Photo gallery, Weather clock, Music, Traffic management program, Document manager
Call services	Voice call Supplementary Services Double mic noise reduction

Item	Specifications
Google mobile suite	Availability of Google applications, services, and features may vary according to your country or carrier. • Facebook • Twitter • Gmail • Calendar Sync • Contact Sync • Quick Search Box (QSB) • Messenger • Maps • Music+ • Play Store • Google+ • Security Guard • GTalk • Voice Search • YouTube • Google Login Service • Polaris Office • News & Weather • Setup Wizard • Riptide GP • All Backup
Office software	Polaris, support for reading and editing of office documents, support for reading PDF documents

2.4 Packing List

Table 2-4 Packing List

Number	Item	Quantity	Remark
1	Handset (contain battery)	1	Standard
2	Charger	1	Standard
3	USB cable	1	Standard
4	3.5 mm headset	1	Standard
5	Quick Start Guide	1	Standard

Number	Item	Quantity	Remark
6	Safety Information	1	Standard
7	MHL-HDMI adapter cable	1	Optional
8	USB OTG adapter cable	1	Optional
9	Color cover	1	Optional
10	Warranty card	1	Optional
11	Certificate	1	Optional