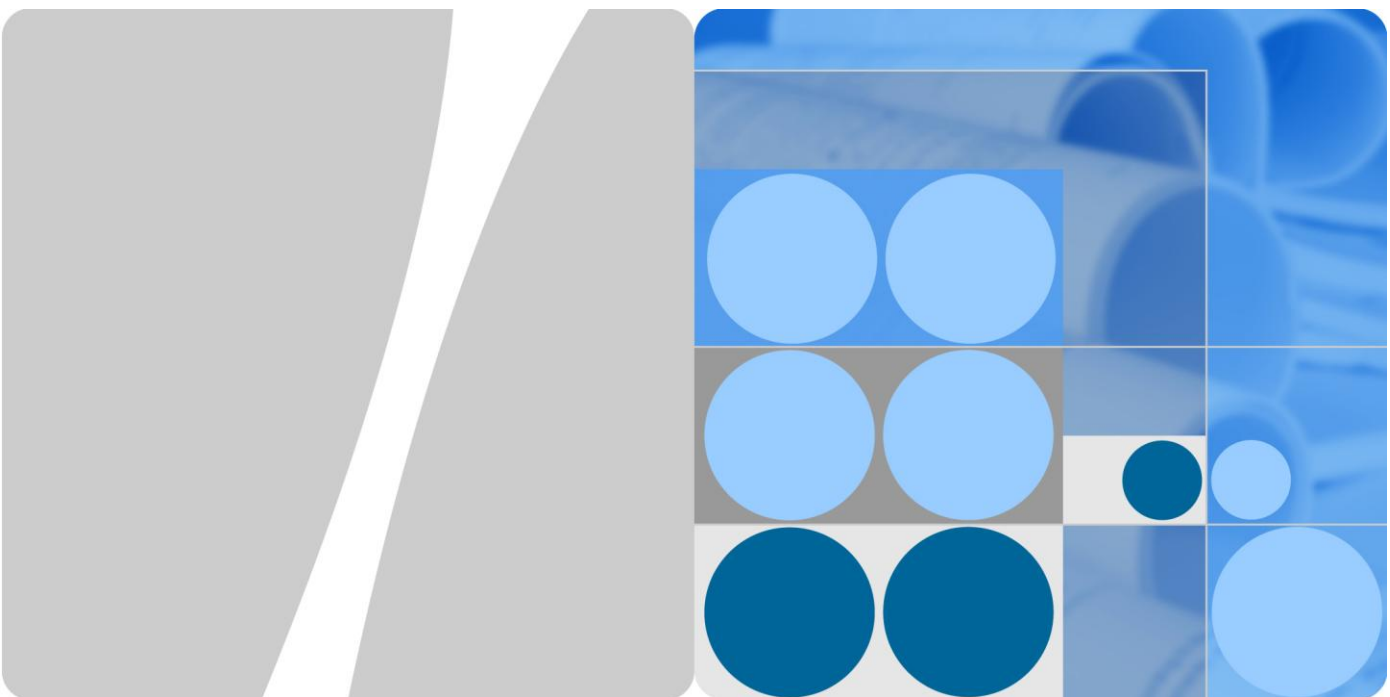




**HUAWEI P7-L10 Smart Phone
V100R001
Product Description**

Issue **04**
Date **2014-05-06**

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Change History

Version	SE	Change Description	Date
01	Lilandi 00215524		
04	Lilandi	Delete typical and minimum values of battery capability.	

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1 Product Overview

1.1 Introduction

The HUAWEI Sophia-L10 is a HUAWEI developed mid-range to high-end smart phone, based on HUAWEI Emotion 2.3 (support Android 4.4).

- HUAWEI Emotion UI 2.3, support Android 4.4
- 1.8GHz Quad-Core processor
- 5.0-inch in-cell display
- 2500mAh battery
- 16GB ROM + 2GB RAM
- Support for Near Field Communication (NFC)
- Support for Long Term Evolution (LTE) networks and Cat4 (downlink: up to 150 Mbit/s, uplink: up to 50 Mbit/s)
- Portable Wi-Fi hotspot that complies with Wi-Fi 802.11 b/g/n
- 13 megapixel (MP) rear camera + 8 MP front camera, 4th BSI Sensor, Mini ISP
- DTS Sound
- DLNA
- Bluetooth 4.0, support BT 4.0 Bluetooth Low Energy (BLE)
- 10-Level auto face enhancement, video face enhancement
- Panoramic selfie
- Watermark Photo
- Simple UI
- Super power saving mode

1.2 Appearance

TBD

2 Technical Specifications

2.1 Hardware

Table 2-1 Hardware Specifications

Item	Specifications
Shape	Bar-type
LCD	• Size: 5.0 inches • Type: 5.0-inch in-cell LCD • Color: 16.7 M colors • Resolution: Full High Definition (FHD) 1920×1080, 445 ppi
Color	Black/White
Dimensions	139.8 mm (L) x 68.8 mm (W) x 6.xx mm (T)
Weight	About 124 g (including the battery)
Frequency band	• UMTS Band 1 (UMTS 2100): 1920–1980 MHz (UL), 2110–2170 MHz (DL) • UMTS Band 2 (UMTS 1900): 1850–1910 MHz (UL), 1930–1990 MHz (DL) • UMTS Band 5 (UMTS 850): 824–849 MHz (UL), 869–894 MHz (DL) • UMTS Band 8 (UMTS 900): 880–915 MHz (UL), 925–960 MHz (DL) • GSM (GSM 850): 824–849 MHz (UL), 869–894 MHz (DL) • EGSM (GSM 900): 880–915 MHz (UL), 925–960 MHz (DL) • DCS (GSM 1800): 1710–1785 MHz (UL), 1805–1880 MHz (DL) • PCS (GSM 1900): 1850–1910 MHz (UL), 1930–1990 MHz (DL) • LTE FDD Band 1: 1920–1980 MHz (UL), 2110–2170 MHz (DL) • LTE FDD Band 3: 1710–1785 MHz (UL), 1805–1880 MHz (DL) • LTE FDD Band 7: 2500–2570 MHz (UL), 2620–2690 MHz (DL) • LTE FDD Band 8: 880–915 MHz (UL), 925–960 MHz (DL) • LTE FDD Band 20: 832–862 MHz (UL), 791–821 MHz (DL)
Maximum transmit power	• GSM850/900: 32.5dBm (Power Class 4) • GSM1800/1900: 29.5dBm (Power Class 1)

Item	Specifications
	• FDL B1/B3/B7/B20/B8: 22dBm (full RB) • UMTS B1/B2/B5/B8: 23.5dBm
Static sensitivity:	• GSM850/900: -109.5dBm • GSM1800/1900: -108dBm • FDL B1/B3/B7/B20/B8: -98.5dBm (10M) • UMTS B1/B2/B5/B8: -111dBm
Network rate	• EDGE: 118.4 Kbps (UL), 236.8 Kbps (DL) • GPRS: 40 Kbps (UL), 60 Kbps (DL) • HSPA+: 5.76Mbit/s (UL), 42 Mbit/s (DL, Supported by UMTS Band 1 only) • LTE Category 4: 50Mbit/s (UL), 150 Mbit/s (DL)
SIM card interface	• Standard 6-pin SIM card interface • Micro SIM card
External interface	Standard micro USB, 3.5 mm headset
External memory support	microSD card (up to 32GB)
Processor	Kirin 910T, Quad core 1.8GHz CPU
Memory	• ROM: 16GB • RAM: 2GB • ROM User Available: about 11GB
Device control	• Illuminated capacitive soft keys with haptic feedback • Physical Power key • Physical volume key
GPS	GPS/AGPS/Glonass
Temperature	• Charging temperature: -10 ℃ ~ 45 ℃ • Operating temperature: 0 ℃ ~ 35 ℃ • Warehouse temperature: -10 ℃ ~ 55 ℃
Battery	• Capability: 2500 mAh  NOTE Standby time and talking time depend on the user operation and network condition.  NOTE Declared the condition for Standby mode 1. LTE: RS epre -85dBm/15KHz, DRX 128, BW 10M 2. UMTS: DL Power -80dBm, DRX 7 3. GSM 900: BCCH -82dBm, BS-PA-MFRMS 5 • UMTS network: up to 422 hours standby time; up to 14 hours talking time • GSM network: up to 404 hours standby time; up to 22 hours talking time • LTE network: up to 404 hours standby time

Item	Specifications
	Charging Time: 3.5 hours from supplied charger
Relative humidity	Working: 5%–95%
Camera	- Main camera: 13 MP Auto Focus (AF) - Secondary camera: 8 MP Fixed Focus (FF)
Bluetooth	Bluetooth 4.0. Supports Bluetooth Low Energy
WiFi	802.11 b/g/n. Supports Wi-Fi hotspot
USB	USB2.0, 480Mbit/s
Power supply	- Input: 100–240V, 50/60Hz, 0.2A - Output: 5V, 1A
Certification	CE, FCC, REACH/WEEE, ROHS, GCF, BQB, WIFI, DLNA, WHQL, Master, Visa, IC
Sensor	- Accelerometer - Proximity sensor - Ambient light sensor - Compass - G-sensor - Gyroscope
NFC	Support
Status indicator	Support
Flash	Support

2.2 Software

Table 2-2 Software Specifications

Item	Specifications
Operating system	Android™ 4.4
Input method	Android keyboard, HUAWEI IME
Home screen	HUAWEI Emotion UI 2.3
Browser	Android Native Browser
Voice codec	- UMTS: AMR-NB/AMR-WB - GSM/GPRS: FR/EFR/HR/AMR-NB/AMR-WB
Messaging	- SMS - MMS

Item	Specifications
Email	POP3/IMAP/Exchange
Multi-media	Codec Format: • Audio Codec: MP3, MIDI, AMR-NB, AMR-WB, AAC, AAC+, eAAC+, AAC-LC, FLAC, WMA2-9, RA • Video Codec: MPEG-4, H.264, H.263, VP8, RV7-10, Xvid, WMV9 • Image Codec: PNG, GIF (Static only), JPEG, BMP
	File Format: • Audio File Format: *.mp3, *.mid, *.amr, *.3gp, *.mp4, *.m4a, *.wav, *.ogg, *.ra • Video File Format: *.3gp, *.mp4, *.m4a, *.rm, *.rmvb, *.wmv • Image File Format: *.png, *.gif (Static only), *.jpeg, *.bmp
Streaming media	Codec Format: • Audio Codec: AMR-NB, AAC, AAC+, eAAC+ • Video Codec: H.263, H.264, MPEG-4
	File Format: *.mp4, *.3gp
Sound effect	• DTS • Dual Mic to reduce the noise
Sofeware update	• HUAWEI On The Air (HOTA) • Update using a microSD card
USB function	• Mass storage • Charging • OTG
Camera & Video resolution	Main camera: 13 MP: • Photo: up to 4160×3120 • Video: up to 30fps 1080p
	Secondary camera: 8.0 MP: • Photo: up to 3264×2448 • Video: up to 30fps 1080p
Photo and video	• Capture file format: *.jpg • Recording file format: *.mp4
Digital TV	Support
Digital compass	Support digital compass based on Android
Shooting function	Panoramic shooting, 1 Second Snapshot, Real time Effects optimization, Audio Photo, Watermark Photo, 10-Level auto face enhancement, Video face enhancement, Panoramic selfie

Item	Specifications
Transmission function	WiFi Direct, WiFi WPS, HUAWEI Multi-screen, DLNA
Google mobile suite	Availability of Google applications, services, and features may vary according to your country or carrier. • Google Mail • Google Search & Search by voice • Hangouts • Google Maps • Google Calendar • Google News & Weather • YouTube • Play Store
Feature applications	Real time Effects optimization, Audio Photo, Watermark Photo, 10-Level auto face enhancement, Video face enhancement, Panoramic selfie , Simple UI, Super Power Saving Mode,

3

Packing List

Table 3-1 Packing List

Number	Item	Quantity	Remark
1	Handset	1	Standard
2	Battery (built-in)	1	Standard
3	Headset	1	Standard
4	Charger	1	Standard
5	USB cable	1	Standard
6	Quick Start Guide	1	Standard
7	Safety Information	1	Standard
8	Eject tool	1	Standard
9	NFC label	1	Standard
10	Warranty card	1	Optional
11	Smart leather cover	1	Optional
12	Smart Band	1	Optional
13	Engine in ear headset	1	Optional
14	BLE tag	1	Optional
15	Power Case	1	Optional
16	PC Case	1	Optional