|  |  |
| --- | --- |
| Product name | Confidentiality level |
| E5885Ls-93a | CONFIDENTIAL |
| Product version | Total 7 pages |
| 2.0 |

E5885Ls-93aTCPU-V200R001B189D63SP00C1217 Firmware Release Notes V2.0

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| --- | --- | --- | --- |
| Prepared by | E5885Ls-93a Team | Date | 2018-09-12 |
| Reviewed by | E5885Ls-93a Team | Date | 2018-09-12 |
| Approved by | E5885Ls-93a Team | Date | 2018-09-12 |



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Revision Record

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Revision version | FW-WebUI/HiLink  Version | Change Description | Author |
| 2017-12-28 | 1.0 | 21.182.63.00.1217 | The First Version | E5885Ls-93a Team |
| 2018-09-12 | 2.0 | 21.189.63.00.1217 | MR Version | E5885Ls-93a Team |

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# Main Features

The E5885Ls-93a supports the following standards:

* LTE data service up to 300 Mbit/s(cat 6)
* HSPA+ data service up to 21.6 Mbit/s
* HSDPA packet data service of up to 14.4 Mbit/s
* HSUPA data service up to 5.76 Mbit/s
* WCDMA PS domain data service of up to 384Kbps
* EDGE data service up to 296kbps
* GPRS data service up to 85.6 kbps
* Data and SMS Service
* Support WiFi 2\*2; 2.4G/5G ,WIFI 802.11a/b/g/n/ac，40MHz(11n)，80MHz (11ac)
* Micro USB 2.0 interface
* WEB UI, Auto connect
* Plug and play
* Standard USB2.0
* Support Windows and MAC OS with the latest version..

# Hardware

## **Version Description**

|  |  |
| --- | --- |
| Hardware Version: | CL1E5885SM Ver. A |
| Platform & Chipset: | Balong V722  WiFi Hisi 1151 |

## **Hardware Specifications**

| Item | Specifications | |
| --- | --- | --- |
| Technical Standard | LTE | 3GPP R10 |
| WCDMA | 3GPP R8 |
| Operating Frequency | LTE | LTE FDD: B1/B2/B3/B4/B5/B7/B8/B20/B19LTE TDD: B38/B40/B41 |
| WCDMA | B1/B2/B4/B5/B6/B8/B19 |
| GSM | 850/900/1800/1900Mhz |
| Memory | 256MB | |
| WLAN Rate | 802.11b: Up to 11 Mbit/s | |
| 802.11g: Up to 54 Mbit/s | |
| 802.11n: HT20: Support MCS0–MCS7; Up to 72.2 Mbit/s.  Support MCS8–MCS15; Up to 144.4 Mbit/s.  HT40: Support MCS0–MCS7; Up to 150 Mbit/s.  Support MCS8–MCS15; Up to 340 Mbit/s. | |
| External Interfaces | USB: Micro USB 2.0 | |
| LCD | |
| Ethernet port: RJ45 | |
| Standard microSD card interface | |
| SIM/USIM card: USIM | |
| Keys | 1 Power,1 Reset,1 WPS | |
| Battery | 6400mAH | |
| Ambient Temperature | Operating: 0°C to +35°C  Storage: -20°C to +60°C | |
| Humidity | 5% to 95% (non-condensing) | |

## **Improvements in the Previous Version**

| Index | Case ID | Issue Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |

## **Known Limitations and Issues**

| Index | Case ID | Issue Description |
| --- | --- | --- |
| NA |  |  |

# Firmware

## **Version Description**

|  |  |
| --- | --- |
| Firmware Version: | 21.189.63.00.1217 |
| Baseline information | Balong V7R22 C60B189 |
|  |  |

## **Firmware Specifications**

| Item | Specifications |
| --- | --- |
| IMEI SVN | IMEI SVN will be +1 for every new version |
| EPLMN | When EPLMN contains the HPLMN,the device didn't show Roaming idicator. |

## **Improvement in the Previous Version**

| Index | Case ID | Issue Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |

## **Known Limitations and Issues**

|  |  |  |
| --- | --- | --- |
| **Index** | **Case ID** | **Issue Description** |
| 1 |  |  |

# WebUI/HiLink

## **Version Description**

|  |  |
| --- | --- |
| WebUI/HiLink Version: | 21.100.44.02.1217 |

## **WebUI/HiLink Specifications**

|  |  |
| --- | --- |
| Item | Specifications |
|  |  |
|  |  |

## **Improvement in the Previous Version**

|  |  |  |
| --- | --- | --- |
| **Index** | **Case ID** | **Issue Description** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

## **Known Limitations and Issues**

|  |  |  |
| --- | --- | --- |
| **Index** | **Case ID** | **Issue Description** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

# Software Vulnerabilities Fixes

*[Software Vulnerabilities include Android Vulnerability, Third-party software Vulnerability, and Huawei Vulnerability]*

*[Android Vulnerability is from Google, which reported publicly.]*

*[Third-party software is a type of computer software that is sold together with or provided for free in Huawei products or solutions with the ownership of intellectual property rights (IPR) held by the original contributors. Third-party software can be but is not limited to: Purchased software, Software that is built in or attached to purchased hardware, Software in products of the original equipment manufacturer (OEM) or original design manufacturer (ODM), Software that is developed with technical contribution from partners (ownership of IPR all or partially held by the partners), Software that is legally obtained free of charge.*

*The data of third-party software vulnerabilities fixes can be exported from PDM.*

*If the table is excessively long, you can divide it into multiple ones by product version, or deliver it in an excel file with patch release notes and provide reference information in this section.]*

*[Huawei Vulnerability is Huawei own software’ Vulnerability, which found by outside]*

*Vulnerabilities information is available through CVE IDs in NVD (National Vulnerability Database) website:* [*http://web.nvd.nist.gov/view/vuln/search*](http://web.nvd.nist.gov/view/vuln/search)