

Product name	Confidentiality level
E5885ls-93a	CONFIDENTIAL
Product version	Total 7 pages
V200R001	

E5885Ls-93aTCPU-V200R001B235D09SP00

C233

Firmware Release Notes

V1.0

Prepared by	E588sls-93a Team	Date	2017-3-24
Reviewed by	E588sls-93a Team	Date	2017-3-24
Approved by	E588sls-93a Team	Date	2017-3-24



Huawei Technologies Co., Ltd.

All rights reserved

Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2017-5-9	1.0	FW 21.235.09.00.233	The 1st Version	E5885ls-93a Team

Table of Contents

1	Main Features	4
2	Hardware.....	4
2.1	Version Description	4
2.2	Hardware Specifications	4
2.3	Improvements in the Previous Version	5
2.4	Known Limitations and Issues	5
3	Firmware	5
3.1	Version Description	5
3.2	Firmware Specifications	5
3.3	Improvement in the Previous Version	6
3.4	Known Limitations and Issues	6
4	WebUI/HiLink	6
4.1	Version Description	6
4.2	WebUI/HiLink Specifications	6
4.3	Improvement in the Previous Version	6
4.4	Known Limitations and Issues	6
5	Software Vulnerabilities Fixes	6



1 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..

2 Hardware

2.1 Version Description

Hardware Version: CL1E5885SM
Platform & Chipset: Balong V722
WiFi Hisi 1151

2.2 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/B19 LTE 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)

2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
NA		

2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		

3 Firmware

3.1 Version Description

Firmware Version:	21.235.09.00.233
Baseline information	Balong V7R22 C30B235

3.2 Firmware Specifications

Item	Specifications



3.3 Improvement in the Previous Version

Index	Case ID	Issue Description

3.4 Known Limitations and Issues

Index	Case ID	Issue Description
1		

4 WebUI/HiLink

4.1 Version Description

WebUI/HiLink Version: 21.100.30.00.233

4.2 WebUI/HiLink Specifications

Item	Specifications

4.3 Improvement in the Previous Version

Index	Case ID	Issue Description
1		
2		
3		

4.4 Known Limitations and Issues

Index	Case ID	Issue Description
1		
2		
3		

5 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>

Software/Module name	Version	CVE ID	Vulnerability Description	Impact Description