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E5786s	CONFIDENTIAL
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V1.0	

HUAWEI E5786s-63aTCPU-V200R001B297D03SP00C1020

Release Notes V1.0

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Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2014-09-17	1.0	FW 21.297.03.00.1020	The first Version	E5786s Team

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Abbreviations	Description

1 Main Features

The E5786s-63a supports the following features:

- *LTE data service up to 300 Mbit/s(cat 6)/150 Mbit/s(cat 4)*
- *DC-HSPA+ data service up to 43.2 Mbit/s*
- *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 384 Kbit/s*
- *Equalizer and receive diversity*
- *microSD Card Slot (Up to 32G)*
- *Data and SMS Service*
- *WEB UI, Auto connect*
- *Plug and play*
- *Nonstandard USB3.0 ,and USB2.0*
- *Support menu operation on LCD*
- *Support WiFi 2.4GHz/5GHz*

2 Hardware

2.1 Version Description

Hardware Version:	CL4E5786SM
Platform & Chipset:	Balong Hi6930 V7R2M, Broadcomm 4354

2.2 Hardware Specifications

Item	Specifications	
Technical Standard	3GPP	R99/R5/R6/R7/R8/R9/R10
	IEEE	802.11b/g/n/ac
Operating Frequency	LTE	FDD B1, B3,B7,B8, B28,B40
	GSM	EDGE/GPRS/GSM:1900/1800/900/850 MHz
	UMTS	B1, B8
Maximum Transmitter Power	LTE	+23dBm (Class 3)
	UMTS	+24dBm (Class 3)
Maximum Power Consumption	5W	
Memory	128M NAND Flash, 128M DDR	

WLAN Rate	802.11b: 11Mbit/s, 5.5Mbit/s, 2Mbit/s, 1Mbit/s 802.11g: 54Mbit/s, 48Mbit/s, 36Mbit/s, 24Mbit/s, 18Mbit/s, 12Mbit/s, 9Mbit/s, 6Mbit/s 802.11n: MCS0-MCS7(WiFi 1x1), MCS0-MCS15(WiFi 2x2) 802.11ac: MCS0-MCS9(WiFi 2x2)
External Interfaces	USB: Nonstandard USB3.0 ,and USB2.0
	LED: 1.45 inch TFT LCD
	SIM/USIM card: 6pin, 1.8/3V
	SD card: up to 32GB
	Dual external TS-9 antenna interface
Display	TFT, 1.45inch
Keys	1 Power, 1 Menu, 1 Reset
Antenna	Internal
Static Receiver Sensitivity	Compliant with 3GPP TS 36.101(R8) for LTE, TS 25.101(R7) for UMTS.
Battery	3000mAh
Dimensions (D × W × H)	106*66*15.9 mm
Weight	<200g(include Battery)
Ambient Temperature	0-35°C
Humidity	5%-95%

2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
Hardware Version		CL4E5786SM Ver.A
Previous Hardware Version		CL4E5786SM Ver.A
NA		

2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		NA

3 Firmware


3.1 Version Description

Firmware Version:	21.297.03.00.1020
Baseline information	Hi6930 V7R2

3.2 Firmware Specifications

Item	Specifications
NA	

3.3 Improvement in the Previous Version(21.297.03.00.1020)

Index	Case ID	Issue Description
Firmware Version		21.297.03.00.1020
Previous Firmware Version		NA
1	WLAN	SSID: mobii-E5786-****, ****is the last four letters of MAC WIFI KEY: 8 bit with in numbers and letters
2	PLMN	PLMN=50522 Operator name=iiNet PLMN=50502 Operator name=iiNet PLMN=50503 Operator name=iiNet
3	OLED Power On / Off logo	
4	OLED menu	1. Remove 2D barcode menu

3.4 Known Limitations and Issues

Index	Case ID	Issue Description
1	Unrealized Features	NA