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E5878s-32	CONFIDENTIAL
Product version	Total 8 pages
V1.5	

HUAWEI E5878s-32TCPU-V200R001B298D03SP00C00

Release Notes

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Approved by		Date	



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Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2014-4-15	1.0	FW 21.285.01.00.00 webUI: 16.100.06.01.03	The first Version	Xinyouqiang00127421
2014-6-1	1.1	FW 21.291.01.00.00 webUI: 17.100.02.01.03	The second Version	Xinyouqiang00127421
2014-6-16	1.2	FW 21.292.03.00.00 webUI: 17.100.02.01.03	The third Version	Xinyouqiang00127421
2014-6-30	1.3	FW 21.295.03.00.00 webUI: 17.100.02.03.03	The fourth Version	Xinyouqiang00127421
2014-9-19	1.4	FW 21.298.01.00.00 webUI: 17.100.05.00.03	The fifth Version	Xinyouqiang00127421
2014-9-26	1.5	FW 21.298.03.00.00 webUI: 17.100.05.00.03	The sixth Version	Xinyouqiang00127421

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Release Notes

Abbreviations	Description

1 Main Features

The E5878s-32 mainly supports the following features:

- LTE FDD (DL) data service of up to 150 Mbit/s
- LTE FDD (UL) data service of up to 50 Mbit/s
- DC-HSPA+ (DL) data service of up to 43.2 Mbit/s
- HSPA+ (DL) data service of up to 21.6 Mbit/s
- HSDPA (DL) data service of up to 14.4 Mbit/s
- HSUPA (UL) data service of up to 5.76 Mbit/s
- UMTS data service of up to 384 kbit/s
- EDGE data service of up to 236.8 kbit/s
- GPRS data service of up to 85.6 kbit/s
- PS domain data service based on LTE/UMTS/GSM
- SMS based on LTE/UMTS/GSM
- Built-in LTE/UMTS/GSM and WLAN high gain antenna
- Slim metal body
- Support for USB-to-Ethernet conversion with the AF18 conversion cable
- Five-second fast boot
- LTE/3G/Wi-Fi auto offload
- Support for HUAWEI Mobile WiFi App
- Press and Play
- IPv6/IPv4 dual stack
- Built-in DHCP Server, DNS RELAY and NAT
- Online software upgrade
- Traffic statistic
- Standard Micro USB interface
- OLED screen
- 2D Barcode easy connection
- Windows XP SP3, Windows Vista SP1/SP2, Windows 7, Windows 8, Windows 8.1 (does not support Windows RT), MAC OS X 10.7, 10.8 and 10.9 with latest upgrades



2 Hardware

2.1 Version Description

Hardware Version:	CL1E5878SM
Platform & Chipset:	Balong Hi6930 V7R2M, Broadcomm 43241

3 Hardware Specifications

Item	Specifications	
Technical standard	WAN: LTE FDD/DC-HSPA+/HSPA+/HSPA/UMTS/EDGE/GPRS/GSM	
	WLAN: IEEE 802.11b/g/n	
Operating frequency	LTE FDD: 2600/2100/1800/900/800/850 MHz	
	DC-HSPA+/HSPA+/HSPA/UMTS: 2100/1900/900/850 MHz	
	EDGE/GPRS/GSM: 1900/1800/900/850 MHz	
	WLAN: 2.4 GHz	
Internal memory	128 MB Flash, 128 MB DDR SDRAM	
Maximum transmitter power	LTE: Conform to Power Class 3 Definition	
	UMTS: Conform to Power Class 3 Definition	
	WLAN	802.11b: 13 dBm
		802.11g: 11 dBm
		802.11n: 10 dBm
Receiver sensitivity	LTE: Confirm to 3GPP Requirements	
	UMTS: Confirm to 3GPP Requirements	
	WLAN	802.11b: -76 dBm@11 Mbit/s
		802.11g: -65 dBm@54 Mbit/s
		802.11n: -64 dBm@65 Mbit/s
WLAN speed	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 300 Mbit/s.
Maximum power consumption	3.5 W	
Power supply	AC: 100–240 V	

Item	Specifications
	DC: 5 V, 1 A
Battery	Type: Li (rechargeable, irremovable)
	Capacity: 3.7 V, 1900 mAh
	Maximum working time: 6 hours (depending on the network)
	Maximum standby time: 380 hours (depending on the network)
External interfaces	Micro USB interface
	Standard Micro 6-pin SIM card interface
Screen	OLED
Key-press	Power switch, RESET switch
Antenna	Built-in LTE/UMTS/GSM main antenna
	Built-in LTE/UMTS diversity antenna
	Built-in WLAN antenna
Dimensions (W × D × H)	109.5 mm×58.0 mm×7.5 mm
Weight	about 80 g (including the battery)
Temperature	Operating: 0°C to +35°C
	Storage: -20°C to +60°C
Humidity	5% to 95% (non-condensing)



3.1 Improvements in the Previous Version

Index	Case ID	Issue Description
Hardware Version		CL1E5878SM
Previous Hardware Version		CL1E5878SM
NA		

3.2 Known Limitations and Issues

Index	Case ID	Issue Description
NA		NA

4 Firmware

4.1 Version Description

Firmware Version:	21.298.03.00.00
Baseline information	Hi6930 V7R2M C30B292

4.2 Firmware Specifications

Item	Specifications

4.3 Improvement in the Previous Version

Index	Case ID	Issue Description
Firmware Version		21.298.03.00.00
Previous Firmware Version		21.298.01.00.00
1	NA	
2		
3		

4.4 Known Limitations and Issues

Index	Case ID	Issue Description
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Index	Case ID	Issue Description
1	NA	NA

5 WebUI

5.1 Version Description

WebUI Version: 17.100.05.00.03

5.2 WebUI Specifications

Item	Specifications
NA	

5.3 Improvement in the Previous Version

Index	Case ID	Issue Description
WebUI Version		17.100.05.00.03
Previous Version WebUI		17.100.02.03.03
1	NA	

5.4 Known Limitations and Issues

Index	Case ID	Issue Description
1	NA	