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Huawei E3131 Release Notes

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Revision History

Date	Revision Version	Change Description	Author
2013-04-08	1.00	Initial	E3131 team



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Huawei E3131 Release Notes

1 Main Features

The E3131s supports the following standards:

- HSPA+/HSDPA packet data service of up to 21.6 Mbit/s
- HSUPA packet data service of up to 5.76 Mbit/s
- WCDMA PS domain data service of up to 384 Kbit/s
- EDGE packet data service of up to 236.8 Kbit/s
- GPRS packet data service of up to 85.6 Kbit/s
- SMS based on CS/Packet Switched (PS) domain of GSM and WCDMA
- Plug and play (PnP)
- USSD Service
- Micro Secure Digital Memory Card up to 32GB
- Standard USB interface, auto installation

2 Hardware

2.1 Version Description: CH2E303SM

2.2 Hardware specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none">• WCDMA /HSPA+/HSDPA• HSUPA• GSM/GPRS/EGPRS
External interfaces	USB interface: USB 2.0 high-speed interface
	LED: indicating the status of the network
	SIM/USIM card: standard 6-pin SIM card interface
	SD card interface: Standard micro SD card interface
Maximum transmitter power	HSPA+/HSDPA/HSUPA/ WCDMA: +22 dBm (Power Class 3)
	GSM/GPRS 850/900 MHz: +33 dBm (Power Class 4)
	GSM/GPRS 1800 MHz/1900 MHz: +30 dBm (Power Class 1)
	EDGE 850/900MHz: +27 dBm (Power Class E2)
	EDGE 1800MHz/1900MHz: +26 dBm (Power Class E2)
Static receiver sensitivity	HSPA+/HSDPA/HSUPA/WCDMA compliant with 3GPP TS 25.101 (R7)

Item	Specifications
	GSM/GPRS/EDGE 850/900/1800/1900 MHz: compliant with 3GPP TS 05.05 (R99)
Dimensions (D × W × H)	85.4X27X12.45mm
Weight	< 30 g
Note: 3GPP = The 3rd Generation Partnership Project LED = light-emitting diode SIM = subscriber identity module TS = technical specification USIM = UMTS subscriber identity module	

2.3 Improvements in the previous version

None.

2.4 Known limitations and issues

None.

3 Firmware

3.1 Version Description: 21.158.13.01.516

3.2 Software specifications

Item	Specifications
Data service	GPRS: <ul style="list-style-type: none"> • Uplink: 85.6 kbit/s • Downlink: 85.6 kbit/s EDGE: <ul style="list-style-type: none"> • Uplink: 236.8 kbit/s • Downlink: 236.8 kbit/s WCDMA PS domain: <ul style="list-style-type: none"> • Uplink: 384 kbit/s • Downlink: 384 kbit/s HSPA+/HSDPA: <ul style="list-style-type: none"> • 21.6 Mbit/s HSUPA: <ul style="list-style-type: none"> • 5.76 Mbit/s
SMS	Based on CS domain/PS domain of GSM and WCDMA

3.3 New features

No.	Description

3.4 Improvements in the previous version

Version	Description
21.158.13.00.864	Fixed the issue that data card can't access the IPV4 address under the condition of R9 network in IPV6.
21.158.00.00.864	1.Fixed the issue that E353s-2 will frequently switch to 2Gmode from 3G mode ,but in same poor network environment Qualcomm benchmark products can maintain steady work in 3G network mode 2.Added a new product named E3131Gs-1E
21.157.62.00.864	Fixed the issue that the data card could not be used with USB3.0 in MAC10.7.3.
21.157.61.00.864	Fixed the issue that 3G network on the registration of CREG and CGREG queries return results in error for 2,2.
21.157.48.00.864	Support IPV6.
21.157.41.00.864	Support new project about SN.
21.157.31.00.864	First release version.

3.5 Known limitations and issues

No.	Description