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E3256 V200R001B146D31SP00C00

Release Notes

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Revision History

Date	Revision Version	Change Description	Author
2014-01-10	1.00	Initial	E3256 team



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Huawei E3256 Release Notes

1 Main Features

The E3256 supports the following standards:

- 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
- EDGE packet data service of up to 236.8 Kbit/s
- GPRS packet data service of up to 85.6 Kbit/s
- Equalizer and receive diversity
- microSD Card Slot (Up to 64G)
- Data and SMS Service
- Plug and play
- Standard USB interface

1.1 Version Description: CH1E3256SM

1.2 Hardware specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none">• WCDMA/ DC-HSPA+• 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	HSDPA/HSUPA/ WCDMA: +22 dBm (Power Class 3)
	GSM/GPRS: +33 dBm (Power Class 4)
	GSM/GPRS: +30 dBm (Power Class 1)
	EDGE: +27 dBm (Power Class E2)
	EDGE: +26 dBm (Power Class E2)
Static receiver sensitivity	HSDPA/HSUPA/WCDMA: compliant with 3GPP TS 25.101 (R8)
	GSM/GPRS/EDGE: compliant with 3GPP TS 05.05

Item	Specifications
Dimensions (D × W × H)	80 mm × 26 mm × 10.5 mm
Weight	< 30 g
Note: <i>3GPP = The 3rd Generation Partnership Project</i> <i>LED = light-emitting diode</i> <i>SIM = subscriber identity module</i> <i>TS = technical specification</i> <i>USIM = UMTS subscriber identity module</i>	

1.3 Improvements in the previous version

None.

1.4 Known limitations and issues

None.

2 Firmware

2.1 Version Description: 21.146.31.00.00

2.2 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 HSDPA: <ul style="list-style-type: none">• 14.4 Mbit/s HSUPA: <ul style="list-style-type: none">• 5.76 Mbit/s HSPA+: <ul style="list-style-type: none">• 21.6 Mbit/s DC-HSDPA : <ul style="list-style-type: none">• 43.2 Mbit/s
SMS	Based on CS domain/PS domain of GSM and WCDMA

2.3 New features

No.	Description
1	Plug & Play.
2	Support WinXP SP3、Vista SP1/SP2、Win7、MAC OS X 10.5, 10.6 and 10.7 with latest upgrades

2.4 Improvements in the previous version

Version	Description
21.146.31.00.00	1. Support the MBIM Controlled by Nv 2. Support the Winblue os 3. patch B106SPC006
21.146.25.00.00	1. Not Support MBIM Feature 2. Patch B106SPC005
21.146.21.00.00	Support MBIM of E3256/E3251/E3236
21.146.17.00.00	1. Patch B106SPC001, B106SPC102, B106SPC003. 2. Support update on MBIM.
21.140.09.03.00	1. Fixed connect issue of IPV4&IPV6 sometimes. 2. Fixed Covertiy warning.
21.140.09.02.00	Fixed the NandFlash bug, fine tune the ReadID cmd.; Disable the shells of C core and A core.
21.140.09.01.00	Enable the IPV6 feature(Disabled by default)
21.140.09.00.00	1. Fixed issue of SIM compatibility. 2. Enhanced the performance of data transmission.
21.140.05.00.00	1. Fixed issue that cannot connect to network 2. Fixed issue that cannot pc cannot reboot on some PC. 3. Closed PC voice.
21.138.05.00.00	First release version.