

Product name	Confidentiality level
E1220	CONFIDENTIAL
Product version	Total 6 pages
V200R002	

E1220 V200R002B180D13SP00C00

Release Notes

Prepared by	E1220 Team	Date	2014-3-17
Reviewed by	E1220 Team	Date	2014-3-17



Huawei Technologies Co., Ltd.

All rights reserved



Revision History

Date	Revision Version	Change Description	Author
2014-2-22	1.00	22.180.11.00.00	E1220 team
2014-3-17	2.00	22.180.13.00.00	E1220 team



Table of Contents

1	Main Features	4
1.1	Version Description: CH1E1230SM	4
1.2	Hardware specifications	4
1.3	Improvements in the previous version	5
1.4	Known limitations and issues	5
2	Firmware	5
2.1	Version Description: 22.180.13.00.00	5
2.2	Software specifications	5
2.3	New features	5
2.4	Improvements in the previous version	6

Huawei E1220 Release Notes

1 Main Features

The E1220 supports the following standards:

- HSPA data service up to 14.4 Mbit/s
- HSUPA data service up to 5.76Mbit/s
- WCDMA PS domain data service of up to 384 Kbit/s
- EDGE packet data service of up to 236.8 Kbit/s (E1220s-1/-2 only downlink)
- GPRS packet data service of up to 85.6 Kbit/s
- Data and SMS Service
- Support PCM(Only Android OS)
- SPCI interface

1.1 Version Description: CH1E1230SM

1.2 Hardware specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none">• WCDMA/ HSPA• HSUPA• GSM/GPRS/EGPRS
External interfaces	USB interface: USB 2.0 high-speed interface/ SPCI interface (Huawei)
	SIM/USIM card: standard 6-pin SIM 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 (R7)
	GSM/GPRS/EDGE: compliant with 3GPP TS 05.05
Dimensions (D × W × H)	65mm*35mm*3.5mm
Weight	< 30 g

Item	Specifications
Note: 3GPP = The 3rd Generation Partnership Project LED = light-emitting diode SIM = subscriber identity module TS = technical specification USIM = UMTS subscriber identity module	

1.3 Improvements in the previous version

None.

1.4 Known limitations and issues

None.

2 Firmware

2.1 Version Description: 22.180.13.00.00

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(Only E1220s-3) Downlink: 236.8 kbit/s WCDMA PS domain: <ul style="list-style-type: none"> Uplink: 384 kbit/s Downlink: 384 kbit/s HSUPA: <ul style="list-style-type: none"> 5.76Mbit/s HSPA: <ul style="list-style-type: none"> 14.4 Mbit/s
SMS	Based on CS domain/PS domain of GSM and WCDMA

2.3 New features

No.	Description
1	Support Android pad
2	Support Win8/8.1 pad

3	Support PC using WinXP SP3,Vista SP1/SP2,Win7,Win8/8.1(MBIM),MAC OS X 10.5, 10.6 and 10.7 with latest upgrades
4	Support PCM(Only Android OS)

2.4 Improvements in the previous version

Version	Description
22.180.13.00.00	1.Fixed issues that sleep on Win8/8.1. 2.Add AT for RF power.
22.180.11.00.00	Support Win8/8.1(MBIM)
21.180.07.00.00	Extend AT^ECHO for more settings of PCM.Not support AT^ECHOPARA.
21.180.05.00.00	1.Fixed issue that cannot be called when sleeping somewhere. 2.Fixed issue that drop SMS when sleeping sometimes. 3.Patched SPC003 of Balong baseline.
21.180.03.00.00	1.Support ^CPCM, ^ECHO, ^ECHOPARA. 2.Patch Balong baseline. 3.Optimize sleep management solution for android. 4.Support E1220s-3.
21.180.01.00.00	Change baseline to V3R2 C50
21.146.67.00.00	1.Fixed issue of unknown device when resume. 2.Fixed issue of +COPS. 3.Fixed issue of SMS when sleep.
21.146.65.00.00	1.Fixed reset issue when long time sleep sometimes. 2.Fixed issue of usb resume sometimes.
21.146.63.00.00	First release version.