

Product name	Confidentiality level
E392u-12	Secret
Product version	Total 8 pages
11.433.25.00.314	

Huawei E392u-12 11.433.25.00.314 Release Notes

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Granted by	<u>E392 Team</u>	Date	<u>2012-2-20</u>



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Revision record

Date	Revision version	change Description	Author
9/1/2012	1.00	Firmware Updated	Firmware Team
20/2/2012	2.00	Firmware Updated	Firmware Team



Table of Contents

1	Information.....	4
1.1	Base Specifications	4
2	Firmware.....	6
2.1	Specifications.....	6
2.2	Improvement in the previous version	6
2.2.1	Version:E392u-12 11.433.25.00.314	6
2.2.2	Version:E392u-12 11.433.19.00.314	7
2.3	Known limitations and issues	7
3	New Features	8

Huawei E392 Release Notes

1 Information

1.1 Base Specifications

Hardware		
Item	Specifications	
Hardware Version	<ul style="list-style-type: none"> CD1E392M 	
Technical standard	<ul style="list-style-type: none"> LTE/HSPA+/UMTS: 3GPP R8 GSM/GPRS/EDGE: 3GPP R99 	
LTE	<ul style="list-style-type: none"> DD800 MHz 	<ul style="list-style-type: none"> Uplink:832~862MHZ Downlink:791~821MHZ
	<ul style="list-style-type: none"> 900MHz 	<ul style="list-style-type: none"> Uplink: 880~915MHZ Downlink:925~960MHZ
	<ul style="list-style-type: none"> 1800 MHz 	<ul style="list-style-type: none"> Uplink:1710~1785MHZ Downlink:1805~1880MHZ
	<ul style="list-style-type: none"> 2100MHz 	<ul style="list-style-type: none"> Uplink: 1920~1980 MHz Downlink: 2110~2170 MHz
	<ul style="list-style-type: none"> 2600MHz 	<ul style="list-style-type: none"> Uplink: 2500~2570 MHz Downlink: 2620~2690 MHz
HSPA+/UMTS	<ul style="list-style-type: none"> 2100MHz 	<ul style="list-style-type: none"> Uplink: 1920~1980 MHz Downlink: 2110~2170 MHz
	<ul style="list-style-type: none"> 1800MHz 	<ul style="list-style-type: none"> Uplink: 880~915 MHz Downlink 925~960MHz
	<ul style="list-style-type: none"> 900MHz 	<ul style="list-style-type: none"> Uplink: 824~849MHz Downlink: 869~894MHz
GSM/GPRS/EDGE	<ul style="list-style-type: none"> 850 MHz 	<ul style="list-style-type: none"> Uplink: 824~849MHZ Downlink:869~894MHZ
	<ul style="list-style-type: none"> 900MHz 	<ul style="list-style-type: none"> Uplink: 880~915MHz Downlink: 925~960 MHz
	<ul style="list-style-type: none"> 1800MHz 	<ul style="list-style-type: none"> Uplink:1710~1785MHZ Downlink: 1805~ 1880MHz
	<ul style="list-style-type: none"> 1900MHz 	<ul style="list-style-type: none"> Uplink: 1850~1910MHz Downlink: 1930~ 1990MHz
External interfaces	USB: Type A with standard USB 2.0 High speed interface	
	LED: indicating the status of the Data Card	
	Antenna: external antenna interface	

Hardware	
Item	Specifications
	SIM/USIM card: standard 6-pin SIM card interface
Maximum transmitter power	LTE DD800/900/1800/2100/2600MHz: +22dBm(+3/-1) Power Class 3
	HSPA+/UMTS 2100/900 MHz: +24dBm(+3/-1) (Power Class 3)
	GSM/GPRS 850MHz/900 MHz: +33dBm (Power Class 4)
	GSM/GPRS 1800 MHz/1900 MHz: +30dBm (Power Class 1)
	EDGE 900MHz: +27dBm (Power Class E2)
	EDGE 1800MHz/1900MHz: +26dBm (Power Class E2)
Static receiver sensitivity	LTE DD800/1800/2100/2600MHz: Compliant with 3GPP TS 36.101(R8/R9)
	HSPA+/UMTS 900/1800/2100 MHz: compliant with 3GPP TS 25.101 (R8)
	GSM/GPRS/EDGE 850/900/1800/1900 MHz: compliant with 3GPP TS 05.05 (R99)
Maximum power consumption	5 W
Power supply	5V
Dimensions (D × W × H)	About 100mm(D) × 35mm(W) × 13.8mm (H)
Weight	About 50 g
Temperature	<ul style="list-style-type: none"> Operating: −10℃ to +40℃ Storage: −20℃ to +70℃
Humidity	5% to 95%
Operating System	<ul style="list-style-type: none"> Windows XP/Windows Vista/WIN 7/MAC
Base Information	<ul style="list-style-type: none"> Plug and play (PnP)
	<ul style="list-style-type: none"> Standard USB 2.0 High Speed interface, auto installation, convenient for use
Note: 3GPP = The 3rd Generation Partnership Project TS = Technical Specification LED = Light-Emitting Diode SIM = Subscriber Identity Module USIM = UMTS Subscriber Identity Module	

2 Firmware

2.1 Specifications

Firmware		
Item	Specifications	
Version	11.433.25.00.314	
SMS	SMS over SGs	
Qualcomm Information	Platform	MDM9200
	Baseline	M9200BSCAQWBZD33330055
	Feature	LTE Supported
Data service	GSM CS domain	<ul style="list-style-type: none"> Uplink: 9.6/14.4 kbit/s Downlink: 9.6/14.4 kbit/s
	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
	UMTS PS domain	<ul style="list-style-type: none"> Uplink: 384 kbit/s Downlink: 384 kbit/s
	HSDPA	<ul style="list-style-type: none"> 14.4Mbit/s
	HSUPA	<ul style="list-style-type: none"> 5.76 Mbit/s
	HSPA+	<ul style="list-style-type: none"> 21.6Mbit/s
	DC HSPA+	<ul style="list-style-type: none"> 43.2Mbit/s
	LTE	<ul style="list-style-type: none"> 100Mbit/s

2.2 Improvement in the previous version

2.2.1 Version:E392u-12 11.433.25.00.314

No.	Description
Firmware	11.433.25.00.314
1	Based on Qualcomm release M9200BSCAQDBZD33330055
2	Based on Huawei's general firmware 11.433.25.00.000
3	Disable WWAN in win7.

2.2.2 Version:E392u-12 11.433.19.00.314

No.	Description
Firmware	11.433.25.00.314
1	Based on Qualcomm release M9200BSCAQDBZD33330035
2	Based on Huawei's general firmware 11.433.19.00.000
3	Support default Service Domain is CS+PS
4	Support default Traffic Class is Interactive
5	Support disable WINS
6	Support disable Initiative report
7	Support Enhanced HPLMN Search Arithmetic of Orange
8	Support disable PC voice
9	Support disable at+csim
10	USB Port Status Setting: CDROM+SD/NDIS+DIAG+PCUI+SD
11	Disable A5/3
12	Network mode is auto mode by default
13	Solved the issue 1.3 from TMC: PLMN_3 – Periodical background scan
14	PID is 0x151A/0x151B
15	3G MIMO is as Huawei default value (disable 64QAM MIMO,enable 16QAM MIMO)

2.3 Known limitations and issues

No.	Description	Reason

3 New Features

No.	Brief description
1	None