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E355 21.157.37.00.778 Release Notes

Prepared by

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Revision History

Date	Revision Version	Change Description	Author
2012-04-16	1.00	The first draft.	E355 team



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Huawei E355 Release Notes

1 Main Features

The E355(W2100/W900) supports the following standards:

- HSPA+/HSDPA/HSUPA/WCDMA2100/900 MHz and GSM/GPRS/EDGE 850/900/1800/1900MHz
- HSPA+ 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/PS domain of GSM and WCDMA
- Micro Secure Digital Memory Card up to 32GB
- WiFi and WPS
- Built-in DHCP Server, DNS RELAY and NAT
- Plug and play (PnP)
- Standard USB interface
- Built-in WCDMA and WLAN high gain antenna
- Windows XP/ Windows Vista/ Windows 7/ MAC operating system (OS) 10.5 and above

2 Hardware

2.1 Version Description: E355s-2ACH1E355SM Ver.B

2.2 Hardware specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none">• WCDMA /HSPA+/HSDPA• HSUPA• GSM/GPRS/EGPRS

Item	Specifications
Operating frequency	<p>HSPA+/HSDPA/HSUPA/ WCDMA 2100 MHz:</p> <ul style="list-style-type: none"> • Uplink: 1920–1980 MHz • Downlink: 2110–2170 MHz <p>HSPA+/HSDPA/HSUPA/ WCDMA 900 MHz:</p> <ul style="list-style-type: none"> • Uplink: 880–915 MHz • Downlink: 925–960 MHz <p>GSM/GPRS/EDGE 850 MHz:</p> <ul style="list-style-type: none"> • Uplink: 824–849 MHz • Downlink: 869–894 MHz <p>GSM/GPRS/EDGE 900 MHz:</p> <ul style="list-style-type: none"> • Uplink: 880–915 MHz • Downlink: 925–960 MHz <p>GSM/GPRS/EDGE 1800 MHz:</p> <ul style="list-style-type: none"> • Uplink: 1710–1785 MHz • Downlink: 1805–1880 MHz <p>GSM/GPRS/EDGE 1900 MHz:</p> <ul style="list-style-type: none"> • Uplink: 1850–1910 MHz • Downlink: 1930–1990 MHz
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 2100/900MHz: +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 2100/900MHz: compliant with 3GPP TS 25.101 (R7)
	GSM/GPRS/EDGE 850/900/1800/1900 MHz: compliant with 3GPP TS 05.05 (R99)
Maximum power consumption	3.5W
Power supply	5 V/1A (USB interfaces)
Dimensions (D × W × H)	90.6 mm × 28.6 mm × 12.6 mm
Weight	< 40 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	

2.3 Improvements in the previous version

None.

2.4 Known limitations and issues

None.

3 Firmware

3.1 Version Description: 21.157.37.00.778

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+: <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 WEB UI specifications

Module	QC ID	Opco	Description
WEB language			English + Russian(default)

Module	QC ID	Opco	Description
Profile parameters (AUTO APN)			Open adaptive APN only
WLAN parameters			SSID:MobileWiFi-****, **** is the last four digits of MAC Encryption of WIFI:WPA/WPA2-PSK WIFI KEY: the last eight digits of IMEI WLAN Country:US Wifi User Number:5
Dial up parameters (default)			Mode: Auto

3.4 New features

No.	Description

3.5 Improvements in the previous version

Version	Description
21.157.19.00.778	First release version.
21.157.37.00.778	Second release version.

3.6 Known limitations and issues

No.	Description