Product name	Confidentiality level
E5330As-2	CONFIDENTIAL
Product version	Total 8 pages
V1.0	

HUAWEI E5330As-2 Firmware Release Notes V1.0

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Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2013-11-1	1.0	FW:21.210.01.00.00 WebUI: 15.100.05.01.03	*First Version*	E5330AS-2 Team
2013-11-21	1.1	FW:21.210.03.00.00 WebUI: 15.100.05.02.03	*First Version*	E5330AS-2 Team

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Abbreviations	Description

1 Main Features

The E5330As-2 mainly supports the following features:

- HSPA+ (DL) data service of up to 21.6 Mbit/s

- HSDPA (DL) data service of up to 14.4 Mbit/s

- HSUPA (UL) data service of up to 5.76 Mbit/s

- UMTS data service of up to 384 kbit/s

- EDGE data service of up to 236.8 kbit/s

- GPRS data service of up to 85.6 kbit/s

- PS domain data service based on UMTS and GSM

- SMS based on CS/PS domain of GSM and UMTS

- Wi-Fi

- Five-second fast boot

- Support for HUAWEI Mobile WiFi App

- Press and Play

- 3G/Wi-Fi auto offload

- IPv6 /IPv4 dual stack (optional)

- Built-in DHCP Server, DNS RELAY and NAT

- Online software upgrade

- Traffic statistic

- Standard Micro USB interface

- HiLink features (Driverless, Zero installation)

- LED indicators

- Built-in UMTS and WLAN high gain antenna

- Windows XP SP3, Windows Vista SP1/SP2, Windows 7, Windows 8 (does not support Windows RT), MAC OS X 10.6, 10.7 and 10.8 with latest upgrades

2 Hardware

2.1 Version Description

Hardware Version: CH1E5336SM01

Platform & Chipset: Balong Hi6758 &Broadcom 43362

2.2 Hardware Specifications

Hardware specifications

Item	Specifications	
Technical standard	WAN: HSPA+/HSPA/UMTS/EDGE/GPRS/GSM	
	WLAN: IEEE 802.11b/g/n	
Operating frequency	HSPA+/HSPA/UMTS: 2100/900 MHz	
	EDGE/GPRS/GSM: 1900/1800/900/850 MHz	
	WLAN: 2400–2483.5 MHz	
Internal memory	128 MB Flash, 64 MB Memory	
Maximum transmitter power	UMTS: 24 (+1/-3) dBm	
	WLAN	802.11b: 14 (+/-3) dBm
		802.11g: 11 (+/-3) dBm
		802.11n: 9 (+/-3) dBm
Receiver sensitivity	UMTS: Confirm to 3GPP Requirements	
	WLAN 802.11b	-76 dBm@11 Mbit/s
		-82 dBm@1 Mbit/s
	WLAN 802.11g: -65 dBm@54 Mbit/s	
	WLAN 802.11n: -64 dBm@65 Mbit/s	
WLAN speed	802.11b: Up to 11 Mbit/s	
	802.11g: Up to 54 Mbit/s	
	802.11n: Support MCS0–MCS7; Up to 72.2 Mbit/s.	
Maximum power consumption	3.5 W	
Power supply	AC: 100–240 V	
	DC: 5 V, 1 A	

Item	Specifications	
Battery	Type: Li (rechargeable)	
	Capacity: 3.7 V, 1500 mAh	
	Maximum working time: 5–6 hours (depending on the network)	
	Maximum standby time: 300 hours (depending on the network)	
External interfaces	USB interface: Micro USB	
	SIM card interface: standard 6-pin SIM card interface	
Indicators	Signal	Green: Strong signal
		Orange: Weak signal
		Red: No signal
	Wi-Fi	Green: Wi-Fi turned on
		Blue: Connected to WLAN.
	Battery	Green: Sufficient battery
		Blinking green: Charging the battery
		Red: Low battery
	SMS	Green: New message
		Blinking green: Inbox full
	Power	Blinks slowly: The Mobile WiFi enters the standby mode
Button	Power switch, Reset switch	
Antenna	● Built-in GSM/UMTS main diversity antenna ● Built-in UMTS diversity antenna ● Built-in WLAN antenna	
Dimensions (W × D × H)	92.8 mm×60.0 mm×14.0 mm	
Weight	about 74 g (including the battery)	
Temperature	Operating: 0℃ to +35℃	
	Storage: -20℃ to +60℃	
Humidity	5% to 95% (non-condensing)	

2.3 Version Description

Firmware Version: 21.210.03.00.00

Baseline information :   BalongV300R300C50B210

2.4 Firmware Specifications

Item	Description
SMS	- Writing/Sending/Receiving - Sending/Receiving extra-long messages - Storage: Up to 500 messages can be saved in the internal memory of the E5330As-2. - New message prompt
Network connection setup	- APN management: create, delete and edit. - Set up network connection
WLAN setup	- SSID broadcasting and hiding - Open system and shared key authentication - ASCII and HEX keys 64/128-bit WEP encryption 256-bit WPA-PSK and WPA2-PSK encryption - AES encryption algorithm - TKIP and AES integrated encryption algorithm - Automatic adjustment of ratios - Display STA status - Turn off Wi-Fi automatically - WLAN MAC filter
Firewall setup	- Firewall Switch - LAN IP Filter - Virtual Server - ACL Service - DMZ Service - UPnP Service
NAT setup	CONE NAT Symmetric NAT ALG VPN passthrough

Item	Description
DHCP setup	• DHCP server enabling and disabling • Address pool of the DHCP server setup • DHCP lease time setup
Software installation	Automatic installation (PnP)
3G/Wi-Fi auto offload	Accessing to WAN via 3G or Wi-Fi Automatic offload between 3G and Wi-Fi
IPv6/IPv4 dual stack (optional)	DHCPv6/v4 server and client DNSv6/v4 server and client Display IPv6/v4 WAN address
Other	Network connection settings: • Automatic network selection and registration • Manual network selection and registration
	Network status display: signal, operator name, system mode, and so on.
	Selection of network connection types, for example: • 3G Only • Auto
	PIN management: activate/deactivate PIN, PIN lock, changing PIN, unblocking by using the PUK.
System requirement	• Windows XP SP3, Windows Vista SP1/SP2, Windows 7, Windows 8 (does not support Windows RT) • Mac OS X 10.6, 10.7 and 10.8 with latest upgrades • Your computer's hardware system should meet or exceed the recommended system requirements for the installed version of OS

2.5   Improvement in the Previous Version

Index	Case ID	Issue Description
NA		

2.6   Known Limitations and Issues

Index	Case ID	Issue Description

NA		

3 WebUI

3.1 Version Description

WebUI:15.100.05.02.03

3.2 WebUI Specifications

Item	Specifications
NA	NA

3.3 Improvement in the Previous Version

Index	Case ID	Issue Description
NA		

3.4 Known Limitations and Issue

Index	Case ID	Issue Description
NA		