

Product name	Confidentiality level
E5336Bs	CONFIDENTIAL
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V200R001	

E5336BsTCPU-V200R001B210D09SP00C00

Release Notes

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Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2014-02-19	1.0	E5336Bs-6TCPU-V200R001B210D01SP00C00 WEBUI-V100R005B100D10SP00C03	Build 1.0 Version	gongzhanbo
2014-03-03	1.1	E5336Bs-6TCPU-V200R001B210D03SP00C00 WEBUI-V100R005B100D10SP00C03	Build 1.1 Version	gongzhanbo
2014-03-26	1.2	E5336Bs-6TCPU-V200R001B210D05SP00C00 WEBUI-V100R00B100D05SP00C03	Build 1.2 Version	gongzhanbo
2014-09-15	1.3	E5336Bs-6TCPU-V200R001B210D07SP00C00 E5336BsWEBUI-V100R007B100D05SP00C03	Build 1.3 Version	xinyouqiang
2014-12-4	1.4	E5336Bs-6TCPU-V200R001B210D09SP00C00 E5336BsWEBUI-V100R007B100D08SP00C03	Build 1.4 Version	Gongzhanbo

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Abbreviations	description
3GPP	The 3rd Generation Partnership Project
EDGE	enhanced GPRS
LED	light-emitting diode
SIM	subscriber identity module
TS	technical specification
USIM	UMTS subscriber identity module

1 Main Features

The E5336Bs-6 mainly supports the following features:

- HSPA+ (DL) data service of up to 21.6 Mbit/s
- HSPA+ (UL) data service of up to 5.76 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/GSM
- SMS based on UMTS and GSM
- Built-in UMTS and WLAN high gain antenna
- Micro Secure Digital Memory (microSD) Card
- SIM lock
- Wi-Fi
- Menu-style LCD UI
- Five-second fast boot
- 3G/Wi-Fi auto offload
- Support for HUAWEI Mobile WiFi App
- Press and Play
- IPv6/IPv4 dual stack (optional)
- Built-in DHCP Server, DNS RELAY and NAT
- Online software upgrade
- Traffic statistic

- WPS
- Standard Micro USB interface
- HiLink features (Driverless, Zero installation)
- TFT-LCD screen
- 2D Barcode easy connection
- 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 ,10.9,10.10with latest upgrades

2 Hardware

2.1 Version Description

Hardware Version:	CH1E5330SM03(E5336Bs-6) CH1E5330SM04(E5336Bs-2)
Platform & Chipset:	Balong Hi6758 &Realtek 8189

3 Hardware Specifications

Item	Specifications	
Technical standard	WAN: HSPA+/HSPA/UMTS/EDGE/GPRS/GSM	
	WLAN: IEEE 802.11b/g/n	
Operating frequency	HSPA+/HSPA/UMTS(E5336Bs-6): 2100/1900/850 MHz	
	HSPA+/HSPA/UMTS(E5336Bs-2): W2100/900MHz	
	EDGE/GPRS/GSM: 1900/1800/900/850 MHz	
	WLAN: 2400MHz~2483.5MHz	
Internal memory	128 MB Flash, 64 MB DDR SDRAM	
Maximum transmitter power	UMTS: 24 (+/-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
		802.11g: -65 dBm@54 Mbit/s
		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.	



Item	Specifications
Maximum power consumption	3.5 W
Power supply	AC: 100–240 V
	DC: 5 V, 1 A
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	Micro USB interface
	Standard microSD card interface
	Standard 6-pin SIM card interface
Screen	TFT-LCD
Key-press	Power switch, MENU switch, Reset switch
Antenna	Built-in UMTS/GSM main antenna
	Built-in UMTS diversity antenna
	Built-in WLAN antenna
Dimensions (H × W × D)	14.5 mm×93.2 mm×60.0 mm
Weight	about 90 g (including the battery)
Temperature	Operating: 0°C to +35°C
	Storage: -20°C to +60°C
Humidity	5% to 95% (non-condensing)

3.1 Improvements in the Previous Version

Index	Case ID	Issue Description
NA		

3.2 Known Limitations and Issues

Index	Case ID	Issue Description
NA		



4 Firmware

4.1 Version Description

Firmware Version: 21.210.09.00.00
Baseline information Balong V3R3C50B210
Upgrade tools: 31.116.00.00

4.2 Firmware Specifications

Item	Specifications
NA	

4.3 Improvement in the Previous Version

Index	Case ID	Issue Description

4.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		

5 WebUI/E5

5.1 Version Description

WebUI/ E5 Version: V100R007B100D08SP00C03

5.2 WebUI/ E5 Specifications

Item	Specifications
1	Prefer to 《WEBUI-V100R007B100D08SP00C03 Release Notes》