

Product name	Confidentiality level
E5336	CONFIDENTIAL
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V200R004	

E5336TCPU-V200R004B421D53SP00C00

Release Notes

Prepared by	Jumingxuan	Date	2013-11-25
Reviewed by	yaochaoqun	Date	2013-11-25
Approved by	yaochaoqun	Date	2013-11-25



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Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2013-9-24	1.0	FW V200R004B419D51SP00C00	Build 1.1 Version	Jumingxuan
2013-10-16	2.0	FW V200R004B421D51SP00C00 WEBUI-V100R005B100D05SP00C03	Build 1.2 Version	Jumingxuan
2013-10-31	3.0	FW V200R004B421D52SP00C00 WEBUI-V100R005B100D05SP01C03	Build 1.3Version	Jumingxuan
2013-11-25	4.0	FW V200R004B421D53SP00C00 WEBUI-V100R005B100D05SP02C03	Build 1.4Version	Jumingxuan

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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 E5336s-2(W2100/W900) supports the following standards:

- HSPA+/HSDPA/HSUPA/WCDMA 2100/900/
and GSM/GPRS/EDGE 850/900/1800/1900 MHz
- HSPA+/HSDPA 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/Packet Switched (PS) domain of GSM and WCDMA, supporting
group sending of messages
- Plug and play (PnP)
- Micro Secure Digital Memory Card up to 32GB
- Standard USB interface, auto installation
- USB Hilink, easy to connect
- HiLink features (Driverless, Zero installation, Auto connect)
- WiFi AP/Station
- WiFi Offload

2 Hardware

2.1 Version Description

Hardware Version:Ver.A

Platform & Chipset:
Balong V3R3

BB Hi6758
PMU Hi6561
RFIC Hi6361

2.2 Hardware Specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none"> HSPA+/HSDPA/ WCDMA R7 HSUPA R6 GSM/GPRS/EGPRS R99
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>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	2.5W

Item	Specifications
Power supply	5 V/500 mA (USB interfaces)
Note: <i>3GPP = The 3rd Generation Partnership Project</i> <i>EDGE = enhanced GPRS</i> <i>LED = light-emitting diode</i> <i>SIM = subscriber identity module</i> <i>TS = technical specification</i> <i>USIM = UMTS subscriber identity module</i>	

2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
NA		

2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		

3 Firmware

3.1 Version Description

Firmware Version: 24.421.53.00.00
Baseline information Balong V3R3C50B210

USB PID/VID:
Switch Before :12D1/157C,
Switch After: 12D1/1506

Upgrade tools: 31.110.1.0

Autorun:
V200R002B001D20SP00C03

3.2 Firmware Specifications

Item	Specifications
NA	



3.3 Improvement in the Previous Version

Index	Case ID	Issue Description

3.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		

4 WebUI/E5

4.1 Version Description

WebUI/ E5 Version: V100R005B100D05SP02C03

4.2 WebUI/ E5 Specifications

Item	Specifications
1	Refer to 《WebUI- V100R005B100D05SP02C03 Release Notes》