

| | |
|-----------------|-----------------------|
| Product name | Confidentiality level |
| E3533s-2 | CONFIDENTIAL |
| Product version | Total 7 pages |
| V200R002 | |

E3533s-2TCPU-22.318.27.00.441

Release Notes

| | | | |
|-------------|------------------|------|------------|
| Prepared by | Qixiang 81005262 | Date | 2014-06-10 |
| Reviewed by | | Date | |
| Approved by | | Date | |



Huawei Technologies Co., Ltd.

All rights reserved

Revision Record

| Date | Revision version | FW-WebUI/HiLink Version | Change Description | Author |
|------------|---------------------|----------------------------|--------------------|---------|
| 2014-06-10 | 1.0 | FW V200R002B318D27SP00C441 | Build 1.1 Version | qixiang |
| | | | | |
| | | | | |
| | | | | |

Table of Contents

| | | |
|-----|--|---|
| 1 | Main Features | 4 |
| 2 | Hardware..... | 4 |
| 2.1 | Version Description | 4 |
| 2.2 | Hardware Specifications | 5 |
| 2.3 | Improvements in the Previous Version | 6 |
| 2.4 | Known Limitations and Issues | 6 |
| 3 | Firmware | 6 |
| 3.1 | Version Description | 6 |
| 3.2 | Firmware Specifications | 6 |
| 3.3 | Improvement in the Previous Version | 7 |
| 3.4 | Known Limitations and Issues | 7 |

E3533s-2TCPU-22.318.27.00.441 Release Notes

| 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 |
| MBIM | Mobile Broadband Interface Model |

1 Main Features

The E3533s-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)
- Standard USB interface, auto installation
- USB Stick, easy to connect
- HiLink features (Driverless, Zero installation, Auto connect)

2 Hardware

2.1 Version Description

Hardware Version:
CH1E3533SM
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>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 |
| 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 |
| Power supply | 5 V/500 mA (USB interfaces) |
| Dimensions (D × W × H) | 67.5*25.5*7.0mm |
| Weight | <30g |



| Item | Specifications |
|---|----------------|
| 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: 22.318.27.00.441
Baseline information Balong V3R3C10B180

USB PID/VID:

Switch Before :

MBIM: 12D1/0x15CD

No MBIM 12D1/0x15CA

Switch After: 12D1/1506

Upgrade tools: 31.112.0.0

3.2 Firmware Specifications

| Item | Specifications |
|------|----------------|
| 1 | NONE |

3.3 Improvement in the Previous Version

| Index | Case ID | Issue Description |
|-------|--------------|--|
| NA | New Features | Use Nv50071 to control the Switch Before PID |

3.4 Known Limitations and Issues

| Index | Case ID | Issue Description |
|-------|---------|---------------------|
| 1 | | Close MBIM function |
| | | |
| | | |
| | | |