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|-----------------|-----------------------|
| Product name | Confidentiality level |
| E3276s | CONFIDENTIAL |
| Product version | Total 6 pages |
| V1.0 | |

E3276s Firmware Release Notes

V1.0

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|-------------|-------------------------|------|----------|
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| Reviewed by | Yu jianbing、He chunyong | Date | 2013-9-2 |
| Approved by | | Date | |



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Revision Record

| Date | Revision version | FW-WebUI/Stick Version | Change Description | Author |
|-----------|------------------|------------------------|-----------------------|--------------|
| 2013-8-19 | 1.0 | 21.436.09.00.00 | <i>First version</i> | Peng xiaolin |
| 2013-9-2 | 1.0 | 21.436.11.00.00 | <i>Second version</i> | Peng xiaolin |
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E3276s Firmware Release Notes V1.0

1 Main Features

The E3276s supports the following standards:

- LTE cat4 data service up to 150Mbit/s (Downlink) and 50Mbit/s(Uplink)
- DC-HSPA+ data service up to 43.2 Mbit/s
- HSPA+ data service up to 21.6 Mbit/s
- HSDPA packet data service of up to 14.4 Mbit/s
- HSUPA data service up to 5.76 Mbit/s
- WCDMA PS domain data service of up to 384 Kbit/s
- Equalizer and receive diversity
- microSD Card Slot (Up to 32G)
- Data and SMS Service
- Plug and play
- Standard USB interface

2 Hardware

2.1 Hardware Specifications

| Item | Specifications |
|---------------------------|--|
| Hardware Version | <ul style="list-style-type: none">● CH5E3276SM |
| Technical standard | <ul style="list-style-type: none">● LTE 3GPP R9● HSPA+/UMTS: 3GPP R99/R5/R6/R7/R8● GSM/GPRS/EDGE: 3GPP R99 |
| External interfaces | USB: Type A with standard USB 2.0 High speed interface |
| | LED: indicating the status of the Data Card |
| | SD card: standard TF card interface |
| | SIM/USIM card: standard 6-pin SIM card interface |
| | RF interface: external RF interface |
| Maximum power consumption | ≤ 3.5 W |
| Power supply | 5V |
| Dimensions (D × W × H) | About 92mm(D) × 32mm(W) × 14mm (H) |
| Weight | ≤ 50 g |
| Temperature | <ul style="list-style-type: none">● Operating: -10°C to +40°C● Storage: -20°C to +70°C |



| Item | Specifications |
|---|--|
| Humidity | 5% to 95% |
| Base Information | • Plug and play (PnP) |
| | • Standard USB 2.0 High Speed interface, auto installation, convenient for use |
| Note: 3GPP = The 3rd Generation Partnership Project TS = Technical Specification LED = Light-Emitting Diode SIM = Subscriber Identity Module USIM = UMTS Subscriber Identity Module | |
| | |

3 Firmware

3.1 Version Description

| | |
|----------------------|---------------------|
| Firmware Version: | 21. 436.11.00.00 |
| Baseline information | Balong V7R1 C35B236 |

3.2 Firmware Specifications

| Firmware | | |
|--------------|------------------|--|
| Item | Specifications | |
| Version | 21. 436.11.00.00 | |
| Information | Platform | Balong V7R1 |
| | Baseline | B236 |
| | Feature | LTE Supported |
| Data service | GSM CS domain | • Uplink: 9.6/14.4 kbit/s • Downlink: 9.6/14.4 kbit/s |
| | GPRS | • Uplink: 85.6 kbit/s • Downlink: 85.6 kbit/s |
| | EDGE | • Uplink: 236.8 kbit/s • Downlink: 236.8 kbit/s |
| | UMTS PS domain | • Uplink: 384 kbit/s • Downlink: 384 kbit/s |
| | HSDPA | • 14.4Mbit/s |
| | HSUPA | • 5.76 Mbit/s |
| | HSPA+ | • 21.6Mbit/s |



| Firmware | | |
|------------------|---|--|
| Item | Specifications | |
| | DC HSPA+ | <ul style="list-style-type: none">• Uplink:5.76 Mbit/s• Downlink:43.2Mbit/s |
| | LTE FDD | <ul style="list-style-type: none">• Uplink: 50Mbit/s• Downlink:150Mbit/s |
| SMS | <ul style="list-style-type: none">• SMS over SGs | |
| Operating System | <ul style="list-style-type: none">• Windows XP/Windows Vista/WIN 7/MAC/WIN8 | |

3.3 Improvement in the Previous Version

| Index | Case ID | Issue Description |
|-------|---------|-------------------|
| 1 | | |

3.4 Known Limitations and Issues

| Index | Case ID | Issue Description |
|-------|---------|-------------------|
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