



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2020/12/30

Firmware: V01.02.3.0**60**

New Change:

1. Upgrades APN list to "D-Link WW APN_Q3_2020_V1.0.xlsx"
2. [Data cap] Modify save flash time interval from 30 sec to 30 min
3. Add datastore watchdog

New Fixes

1. Fix error and warning scanned by cppcheck .
2. Fixed Dtrack case [HQ20191129000006] SMS Inbox is empty.
3. Fixed Dtrack case [DGC20191227000001-Taiwan] [HQ20191230000006-HQ] 2.4GHz cannot be extended by DRA-2060.
4. Fixed Dtrack case [DEUR20191122000001-Eastern Europe] Device stability issue, device hang as wan DHCP lease time very short.
5. Fixed case [web] LTE Setup: Select 'Manual', Country='Other', Telecom='Other' and save setting. Then change back to 'Auto detection' is failed.
6. Fixed case that count over 4GB will been reset in 32-bit system.
7. Fixed Dtrack case [DEUR20200527000005-UKI] DHCP fails, requires restart to get it back to work.
8. Fixed Dtrack case [DEUR20200714000002] Fixed: can't restart dhcp server daemon when old process gone.
9. Fixed case LTE doesn't support static route.
10. Fixed case LTE Setup -- LAN PC can't ping to internet after internet connection by 3G only mode.
11. Fixed case Ethernet WAN setup issue - The parameter setting of static IP address will disappear after back to this set item.
12. Fixed case DUT crash after running BT test

Known issue:

1. Parameter on GUI main page will disappear after manual FW downgrade. GUI could restore normal status after device manual reset to default.



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2019/11/05

Firmware: V01.02.3.0**54**

New Change:

1. Upgrades APN list to 2019 Q3 version.
2. Upgraded OpenSSL to 1.0.2t
3. LTE transparent bridge mode fine-tune.
4. Corrected description of port trigger warning message.
5. Fine tune FOTA FW upgrade mechanism

New Fixes

13. Fixed the case Web UI is failed if user clicks Refresh button repeatedly.
14. Fixed the case SSL/TLS scan failed.
15. Fixed the case DUT doesn't work properly after 24 hours BT endurance test.
16. Fixed the case LAN PC doesn't access internet when it is IPv6 over LTE.
17. SMS issue --Send emoji SMS from iPhone to DUT will cause all messages on DUT disappeared.
18. Fixed case LAN PC can't access Internet but LTE signal is 100% when service type is 3G
19. Fixed case WEP key can't be cleared.
20. Fixed case DUT does not fail over to Ethernet WAN when LTE signal is 0%.
21. Fixed case Web GUI always shows NAT enabled after user unchecks box and saves setting.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2019/05/20

Firmware: V01.02.3.0**51**

New Change:

1. Added Reset button for “Cellular Data Used” counter reset.

New Fixes

22. Fixed the case that “Cellular Data User” would reset to 0 once device reboots.
23. Fixed the case sometimes SMS can't be deleted when clicking delete button
24. Fixed the case it sometimes can't receive message on mobile phone

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2019/04/30

Firmware: V01.02.3.0**50**

New Change:

1. Added Data Cap feature.

New Fixes

N/A

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2019/02/01

Firmware: V01.02.3.0**49**

New Change:

2. Integrated global APN list: (**D-Link WW APN_Q1_2019_V1.1.xlsx**)
3. Finetuned Transparent bridge feature. (Allow WAN ping and block login GUI while Transparent Bridge is enabled)
4. Finetuned Refresh/Stop button page.
5. Finetuned LTE information page. (Automatically update LTE info. and WiFi "Total Clients" field.

New Fixes

1. Fixed case of Statistic TX/RX error.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/12/05

Firmware: V01.02.3.0**48**

New Change:

N/A.

New Fixes

2. Fixed DHCP server can't start on FW047, transparent bridge flag condition judgement logic error.
3. Fixed DHCP lease time up unexpectedly disconnect while LTE Transparent Bridge is on.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/11/29

Firmware: V01.02.3.0**47**

New Change:

1. Updated Home page network information every 10 seconds automatically.
2. Warning message of disabling WPS includes MAC filter setting.
3. Added LTE DMZ.
4. Added special characters support for DDNS.

New Fixes

4. Fixed DMEA0906: SMS sending will fail if the receivers no. is given as 05XX or 009715XX.
5. Fixed case wizard can't set up 5G WiFi
6. Fixed Transparent Bridge feature.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/08/08

Firmware: V01.02.3.045

New Change:

5. Added support merge concatenated SMS.
6. Added support incomplete SMS, and “incomplete SMS” prefix.
7. Added the progress bar during FW upgrade process.

New Fixes

7. Fixed case UI is not completed if setting special characters as Admin password.
8. Fixed failed to PING IPv6 website using PING function.
9. Fixed USSD get usc2 format message error.
10. Fixed setup PPPoE v6 and IPv6 LAN cause datastore crash.
11. Fixed it cannot receive some special character as SMS message.
12. Fixed USSD does not show proper response.
13. Fixed message that contains special character sent by DUT is not properly received by mobile phone.
14. Fixed case of changing WAN setting repeatedly will cause DUT crash.
15. Fixed Send SMS: Cannot send ‘(0x27) character
16. Fixed time zone is selected (GMT +11:00) or (GMT +12:00), and UPDATE FAIL will be displayed after submit.
17. Fixed case Message becomes unreadable if sending over 90 Chinese fonts of SMS to mobile phone.
18. Fixed case all SMS messages are not readable if DUT receives message contains more than 90 Chinese fonts.

Known issue:

1. Dlab case: DBG18080564/DBG18010082.
FW bin file is not encrypted.



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/07/19

Firmware: V01.02.3.0**43**

New Change:

N/A

New Fixes

1. Fixed transmit jumbo frame from LAN to WAN will cause DUT switch port not work.
2. Fixed case error message is not corrected when adding port trigger rule over 20 rules.
3. Fixed case there is no error message nor setting could be applied in Domain blocking.
4. Fixed Multi-language warning message of admin password setting it not translated.
5. Fixed Multi-language warning message of port Trigger in German is not correct.
6. Fixed case some character could be configured as Admin password but user can not use that password to login.
7. Fixed case UI displays IPv6 error when it fails to ping IPv4.
8. Fixed case 4G LED does not blinking when data is transferred via LTE.
9. Fixed case of sending SMS over 70 character and mobile phone will receive empty message.
10. Fixed case USSD get ASCII character fail.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/0627

Firmware: V01.02.3.0**42Beta**

New Change:

1. Added Failover Type option [Disable | Load Sharing | Failover] on multi-wan page.
2. Fine-tuned SMS query method.
3. Added USSD encode check.

New Fixes

1. Fixed case USSD setting page will record last input code until power cycle DUT.
2. Fixed case of SMS receive number for Middle East area.
3. Fixed case Internet LED is still RED if all ICMP traffic are blocked for DUT WAN.
4. Fixed case Enable or Disable PPPoE from IP/PPP Config page does not take effect.
5. Fixed case Interface name in PPP or IP configuration is changed to vc1 after disabling Ethernet WAN.
6. Fixed LTE up time display error when failover from ethernet WAN to LTE WAN.
7. Fixed case FW upgrade does not trigger if user click Apply button without selecting proper file at the first time.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/06/01

Firmware: V01.02.3.0**41**

New Change:

1. Updated APN list (D-Link WW APN_Q2_2018_V1.0.xlsx)
2. [Internet LED detect mechanism]. Change ping domain target to “google.com” due to some ISPs (for example, Ooredoo in Qatar) will block icmp-req while ping target is “8.8.8.8”, “8.8.8.4” or “www.google.com”
3. Added DDNS service under LTE WAN.

New Fixes

1. Fixed case HOME page still shows LTE is up even there is no SIM case inserted.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/05/16

Firmware: V01.02.3.0**40**

New Change:

4. Connection type (under LTE/3G) wording changed from “LTE” to “4G LTE/3G”.
5. Added Authentication type selection under manual mode.
6. Added NAT disable over LTE WAN.
7. Changed internet LED behavior detect mechanism. Changed ping 8.8.4.4 to ping domain.
8. Added LTE up time on Home page.

New Fixes

N/A

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: B1

Date: 2018/05/02

Firmware: V01.02.3.03**9**

New Change:

1. Added foolproof for “ping interval”. Setting on LTE setup page cannot be less than 10 seconds.

New Fixes

1. Fixed case SMS setting page shows undefined after deleting received message
2. SMS count becomes undefined when DUT receives message contains line break.
3. Fine-tuned LTE Virtual server

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: **B1**

Date: 2018/04/11

Firmware: V01.02.3.038

New Change:

- Integrate new APN list **D-Link WW APN_Q4_2017_V2.2** with listed changes.

APN change list : Updated based on D-Link WW APN_Q4_2017_V1.1											
3G: Added or modified new APN											
MCC	MNC	Dial No	APN	UserName	Password	ProfileName	Operator	Country	Remark	Area	Update Notes
605	3	*99#	internet.ooredoo.tn			Ooredoo		Tunisia		DME	change profile name and APN
427	2	*99#	web.vodafone.com.qa			Vodafone Qatar	Vodafone Qatar	Qatar		DME	Qatar ISP update
427	1	*99#	data			Ooredoo/Qtel	Ooredoo Qatar	Qatar		DME	Qatar ISP update
LTE: Added or modified new APN											
MCC	MNC	Dial No	APN	UserName	Password	ProfileName	Operator	Country	Remark	Area	Update Notes
427	2	*99#	web.vodafone.com.qa			Vodafone Qatar	Vodafone Qatar	Qatar		DME	Qatar ISP update
427	1	*99#	data			Ooredoo/Qtel	Ooredoo Qatar	Qatar		DME	Qatar ISP update

New Fixed:

- Fixed GUI case: it show device in LTE connection and signal strength as 0% after device manually switched to 3G mode.
- Fixed case 4G LED lit but 2G/3G LED not lit while device in 3G connection.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: **B1**

Date: 2018/03/22

Firmware: V01.**02**.3.**037**

New Change:

1. WebGUI password changed to "admin"
2. Keep alive option change.
 - (1) Keep alive setting is on public page (On internet setting page)
 - (2) Keep alive default as disable
 - (3) No ping IP is pre-set.
 - (4) Default ping interval as 60 seconds.
3. Added manual option to select different mode on LTE configuration (4G/3G/2G)
4. DNS Relay default value changed to as enable.
5. Lan Primary DNS setting changed to empty.
6. QoS default value changed to disable
7. Set 20/40MHz Coexist and Legacy Protection default value to as enable.
8. Enhanced the GUI setting as LTE mode will show disconnected on GUI when selected primary Ethernet WAN connection is UP, and only shows connected on GUI when primary Ethernet WAN goes down.
9. telnet default disable.
10. LTE maximum idle time grey out by default.
11. IP address of remote management is grey out by default.

New Fixed:

1. Fixed SMS decode error case
2. Fixed USSD support case
3. Fixed Parental control case for MAC address and weekdays take effect.
4. Fixed case user can't log-in GUI after FW upgrade unless press reset button.
5. Fixed case default router is not changed to LTE if user manually delete PPP or IP connection on WAN setup page.
6. Fixed case Ping will be blocked right after configuring Parental Control.



7. Fixed case user can save MRU value that is outside the range of UI description.
8. Fixed case additional symbols appear when the received message is divided into 2 messages from mobile phone.
9. Fixed case the Sent message is not complete if special characters are contained.
10. Fixed case user cannot send message when it is over 20 characters.
11. Fixed case user cannot disable WAN link when Ethernet type is DHCP and Static IP.
12. Fixed case when WAN changed to DHCP and setting saved, it causes link status of DHCP, Static IP and Bridge become disabled.
13. Fixed case HTTPS CA is not unique.
14. Fixed case Power LED goes RED after a certain period and device will be not accessible.
15. Fixed case invalid Subnet mask can be saved to Static route rule.
16. Fixed case duplicated interface names appear on Multicast drop down manual after user clicking CANCEL button.
17. Fixed case IP filter can't block ICMP.
18. Fixed case Failover is not triggered when Ethernet WAN type is Static IP/
19. Fixed case user clicks CANCEL button on LTE setup page will clear all LTE default setting.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: **B1**

Date: 2018/01/10

Firmware: V01.01.3.**035**

New Change:

1. Updated APN to the latest version: D-Link WW APN_Q4_2017_V1.1
2. Change profile name of LTE modem
3. Change telnet to default OFF
4. Strings of HTTP on Remote Management setting page is all capital.

New Fixed:

1. Fixed case: Primary WAN is selected as PPPoE and Secondary WAN as LTE, when the primary wan cable is disconnected the device doesn't failover to LTE mode until user reboot the router.
2. Fixed case: No redial when LTE is connected and then change to manual APN.

Known issue:

1. Only English characters and number are allowed for SMS send & receive.
2. SMS LED behavior to be fine-tuned.
3. USSD is not fully working.



DWR-953 Firmware Release Notes

Hardware: **B1**

Date: 2018/01/05

Firmware: V01.01.3.**034**

New Change:

1. Remove IMEI, ICCID, MEID, PRI information from HOME GUI page.

New Fixed:

1. Fixed case: Internet LED remains RED even if Internet is UP in LTE mode (Issue observed only with DU sim card in DME)
2. Fixed SMS LED case: LED does not blink when new SMS received.

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: **B1**

Date: 2017/12/31

Firmware: V01.01.3.**033**

New Change:

1. The way of Primary/Secondary WAN display is changed on V01.01.3.033, which shows Primary WAN on GUI to comply with user's Primary WAN route setting.
2. It changes keep alive default ping IP address from 8.8.8.8 to 8.8.4.4.
3. Add SMS/USSD feature.
4. FW version on GUI page shows only Master version (such as V01.01 of FW V01.01.3.033).
Also, FW date is added on FW upgrade page.

New Fixed:

1. Fine-tune URL filter feature.
2. Fine-tune remote management feature. (Please check and apply "remote enable" first and then check and apply "Https enable" to allow https accessible.)

Known issue:

N/A



DWR-953 Firmware Release Notes

Hardware: **B1**

Date: 2017/12/26

Firmware: V01.01.3.032

New Change:

1. Remove “3gdgnet” APN on LTE/3G setting page.
2. Add manual APN selection page on “Dial up profile” block.
3. Add Ethernet WAN connection up time on GUI.

Remark: LTE WAN connection up time is not valid.

New Fixed:

1. Fix issue Power LED goes RED after a certain period and the device will not be accessible.
2. Fix issue Multi-WAN doesn't work properly.

Case duplication step: Default route set as DHCP and failover as 3G/4G, the device is then rebooted but primary connection still remains 4G instead of DHCP.

Reminder: Please be reminded. It always shows LTE/3G connection information on home page even the DHCP connection is set as default WAN.

3. Fix the issue DHCP from WAN leaking through to LAN during router booting phase.

Remark: case closed on FW V01.01.3.032 with new boot loader.

Known issue:

1. Unable to block http websites.
2. No SMS and USSD option on GUI.