

Software Release Note

Introduction: This document describes detailed release information containing firmware version, improvements, known issues and default configuration, etc.

1. Product Information

Model Name: AAM6020BI-DL1

Customer Name: [D-Link](#)

Customer Model Name : RU_DSL-2540U

2. Version Information

Firmware Version: RU_DSL-2540U_3-06-04-2400.A2pB021c.d19b.dlinkdleDSL-2540U

DSL Version: A2pB021c

Driver Version: N/A

3. File Release Information

File Name:

With boot loader :

[RU_DSL-2540U_306042400_cfe_fs_kernel](#)

4. Updates

New Features:

Feature ID	Feature Description
	Bootloder upgrade will also check if model name correct or not
	Add DHCP Reservation
	Add D-Link DDNS

Enhancements:

Feature ID	Description
	Change MTU size applies on PPP Level that ICMP big size packets will also fragment, user must cut PPPoE header size 8 bytes by self, so max PPPoE MTU size will change form 1500 to 1492.

Resolved Bugs:

Bug ID	Description
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Issued By		Reviewed By		Approved By		Rev
Rick Yang	07/08/30	David_Jans	07/09/03	David_Jans	07/09/03	1.5

PPPoE/PPPoA IP extension protocol can't use in Windows Vista

5. Limitations

Issue ID	Description
	IP conntrack max table size is 512
	ATM Queue is 100

6. Default Configurations

Item		Default configurations
System Information	Login/Password	admin/admin
	Logo	D-Link DSL-2540U
	Language (English, Simple Chinese)	English
LAN Setting	LAN IP address/netmask	192.168.1.1/255.255.255.0
	DHCP Server (on/off)	ON
	DHCP pool	192.168.1.2 ~ 192.168.1.254
	UPnP	N/A
	LAN1-> LAN4 (order on front panel)	From left to right
ADSL Setting	Default mode (Multi, ANSI, G.dmt, G.lite, ADSL2, ADSL2+, AnnexL, AnnexM)	Multi, without AnnexM
	SRA	Disable
WAN Setting	PVC setting	N/A
	Protocol	N/A
	Encapsulation	N/A
	PPPoA MTU	1492(When create new connection)
Router Function	NAT (on/off)	N/A
	Firewall	N/A
Management	FTP (LAN, WAN)	On, N/A
	HTTP (LAN, WAN)	On, N/A
	ICMP (LAN, WAN)	On, N/A
	SNMP (LAN, WAN)	On, N/A
	Telnet (LAN, WAN)	On, N/A
	TFTP (LAN, WAN)	On, N/A

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AUTOPVC Database	Index 00	8/35
	Index 01	0/35
	Index 02	0/38
	Index 03	0/100
	Index 04	0/102
	Index 05	0/103
	Index 06	8/64
	Index 07	0/33
	Index 08	1/33
	Index 09	1/50
	Index 10	1/91
	Index 11	1/92
NTP	Status	Disable
	Combo Box List Item 1	ntp1.dlink.com
	Combo Box List Item 2	ntp.dlink.com.tw
	Time Zone	N/A
Others		

7. Dependencies

Software Issues: N/A

Hardware Issues:

- **Compatible chipset:** BCM6338, Fit 2MB flash, 8MB SDRAM
- **Compatible PCB version:** N/A

8. Note

1. When Power on device, press "Enter" key to enter Boot loader prompt.
2. Whole image (*.w) is used for Production & RMA, not for firmware update. Because MAC Address will be replace to default after upgrade (*.w)

9. Appendix A: SW Release History

SW Version	Release Date	Release Summary
RU_DSL-2540U_3-06-04-2400.A2pB021c.d19 b.dlinkdleDSL-2540U	07/08/30	Bootloader upgrade will also check if model name correct or not
		Add DHCP Reservation
		Add D-Link DDNS

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		Change MTU size applies on PPP Level that ICMP big size packets will also fragment, user must cut PPPoE header size 8 bytes by self, so max PPPoE MTU size will change form 1500 to 1492.			
RU_DSL-2540U_3-06-04-2100.A2pB021c.d19 b.dlinkdleDSL-2540U	07/07/23	In Version 2000, when user use DCC to setup CPE and get timeout. After user retry again, CPE WAN setting will missing.			
RU_DSL-2540U_3-06-04-2000.A2pB021c.d19 b.dlinkdleDSL-2540U	07/07/18	Add PPPoA MTU setup function			
RU_DSL-2540U_3-06-04-1Z00.A2pB021c.d19 b.dlinkdleDSL-2540U	07/07/05	Make Web GUI Routing table display the same with Linux system			
		When change Default GW from auto mode to static mode, system will have two default GW			
RU_DSL-2540U_3-06-04-1Y00.A2pB021c.d19 b.dlinkdleDSL-2540U	07/07/02	U-series "Default Gateway" issue (report from D-Link)			
		The advance ADSL setting become default value after DUT reboot			
		User can't login DUT if login password is set to Chinese characters			
		Modem can't be accessed if LAN IP is set to 127.0.0.1			
		All configurations are reset to default because SNMP is set to Chinese characters			
		Please remove "non-ISO-8859-1" from alert message			
RU_DSL-2540U_3-06-04-1V00.A2pB021c.d19 b.dlinkdleDSL-2540U	07/05/23	IP QoS, IP Filter(In, Out) page, add "Range IP"(Start IP ~ End IP) option			
		Remote Web Access can use "admin" account			
		Internet LED should be off when user click "PPP Down" button manually			
		Update DHCP to version 0.9.7			
RU_DSL-2540U_3-06-04-1Q00.A2pB021c.d19b.dlinkdleDSL-2540U	07/04/10	Add PPPoE MTU size configuration function			
		Add display AnnexM string on web, when device link to AnnexM mode			
		Fix when create MER connection, "Advanced → Routing → Default Gateway" GUI page should not display MER interface name in "Use Interface" combo box			
RU_DSL-2540U_3-06-04-1J00.A2pB021c.d19 b.dlinkdleDSL-2540U	07/01/23	Some Status page change refresh time			
		Change "Time" function NTP Server list to ntp1.dlink.com; ntp.dlink.com.tw			
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		Fix in Access Control Page have additional char “.”
		Fix ping response time not stable
		ADSL BER Test never stops when ADSL line is down
		Web page Autoscan checkbox should always enabled
		Fix Internet LED should be GREEN when there is any one Routed protocol exist
		When change SNMP page “Disable” to “Enable” web page will hang up
		DDNS page “Add” button not display when no any WAN protocol
RU_DSL-2540U_3-06-04-1C00.A2pB021c.d19b	06/09/25	Change, reboot and firmware upgrade page style
RU_DSL-2540U_3-06-04-1800.A2pB021c.d19b	06/08/28	After setup port mapping function, use web restore to default, then Ethernet can't use.
		Broadcom release patch to fix memory leak issue
RU_DSL-2540U_3-06-04-1200.A2pB021c.d19b	06/08/09	Add progress bar in Web “reboot”, “factory default”, “upgrade firmware” page

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