

Firmware Release: DQ-R4B081U**Updates / Changes****1. Upgrade Bug Fix**

XML comparison between older Firmware, and v R4B081 treated “null” tags differently, causing a possible loss of configuration upon upgrade.

This critical update is designed to maintain configuration upon upgrade

2. GUI Update

V R4B081 implemented GUI Security algorithm that appeared unresponsive with some browsers. GUI is now more responsive

Firmware Release: DQ-R4B081-US**Updates / Changes****1. Reconciliation of Previous 69_x Releases**

This includes features from all previous 69_x releases

2. DHCP IPTables Modification

This includes IPTables updated LAN side restriction; as well as opening the DHCP Client to allow operation with multiple DHCP servers upon lease expiration

3. Enduser GUI Access

Updated “enduser” restrictions

4. Techsupport Deprecation

Techsupport removed from remote access due to lack of use.

Firmware Release: DQ-R4B069-US.EN_20**Updates / Changes**

1 Secondary Management

Resolve issue with Secondary Management interface with Bridge Interfaces

Firmware Release: DQ-R4B069-US.EN_19

Updates / Changes

1 Secondary Management

Updated Routing table to support independent secondary Management connection

Firmware Release: DQ-R4B069-US.EN_17

Updates / Changes

1 UPnP Daemon

Updated UPnP Daemon for increase stability in operation

Firmware Release: DQ-R4B069-US.EN_14

Updates / Changes

1 UPnP - Dual WAN

Updated UPnP Daemon to automatically detect active WAN connection in Dual WAN setup

2 IP restriction

Updated Security algorithm to prevent access via SSH/TELNET when IP restriction is enabled

Firmware Release: DQ-R4B069-US.EN_13

Updates / Changes

1 TR-069 Informed Option

Updated TR-069 Inform options to include Serial Number

Firmware Release: DQ-R4B069-US.EN_12

Updates / Changes

1 DSL Phy

DSL Phy Driver updated to A2pD038f.d23j1

Firmware Release: DQ-R4B069-US.EN_10

Updates / Changes

1 Remove TR64 client process

The TR64 client process is unused by the modem. The process can be susceptible to DoS attacks with Malware programs on the LAN. Removed from firmware to prevent potential issues.

Firmware Release: DQ-R4B069-US.EN_3

Updates / Changes

1 DHCP Server - LAN Client

Resolve rare cases of the modem DHCP server not leasing out IP address to LAN client unless modem is sync up.

Firmware Release: DQ-R4B069-US.EN_2

Updates / Changes

1 IP Restriction TR-069 Parameter

Resolve issue of being unable to create new IP Ranges for IP Restriction under TR-069

Firmware Release: DQ-R4B069-US.EN_1

Updates / Changes

1 LAN DNS

Modified behavior of LAN DNS settings. If values are set to "0.0.0.0", the modem will hand out the WAN DNS address to LAN Clients.

Firmware Release: DQ-R4B069-US

Updates / Changes

1 PTM WAN Interface/Connection

Integrated PTM support into firmware

2 SIP ALG

Update behavior so that SIP application would not require Port Triggering rules

Firmware Release: DQ-R4B068-US

Updates / Changes

1 Wireless Overwrite Feature (Custom Default Settings)

Expanded Web Browser Compatibility

2 WAN Services Edit Feature

Allow selection of WAN connection type when editing existing WAN service

Firmware Release: DQ-R4B067-US

Updates / Changes

1 WAN DNS Server

Update behavior so modem automatically switches to Secondary DNS IP address when Primary DNS is down

2 OMNI PORT ETHERNET Bootup Behavior

Update behavior so Ethernet Ports does not go into Switch mode upon initialization during boot up

3 DNS User Direct Static IP

Resolve conflict with DNS User Redirect WAN IP page activating when Static IP is set for WAN connection

Firmware Release: DQ-R4B065-US

Updates / Changes

1 DSL Phy Driver

Updated Phy Driver to revision A2pD035a.d23j1

Firmware Release: DQ-R4B063-US

Added Features

1 DNS Proxy - Static DNS Option

Option to specify DNS IP address and Domain name (MMR application) under DNS Proxy configuration page

2 Wireless Overwrite Feature (Custom Default Settings)

New option to retain Wireless SSID/Security Key upon loading of custom configuration file

Firmware Release: DQ-R4B062-US

Added Features

1 Switch Control

Option to enable/disable Switch Control (/switchcontrol.html)

Firmware Release: DQ-R4B055-US

Added Features

1 ACS Client: Option for LAN or WAN MAC Inform

Option to select whether modem sends out it's Primary LAN or WAN MAC Address to the TR-069 Server during the Discovery process.

Option is located under Management -> ACS Client

Updates / Changes

1 xDSL Statistics: Mode Type

Resolve issue with modem showing incorrect DSL Modulation type when sync up to Annex M or ADSL2.

2 xDSL Statistics: Format

Modify xDSL Stats to be presented in (db) Format. Previous format was presented as (0.1 db)

Firmware Release: DQ-R4B054-US

Updates / Changes

1 DHCP Relay

Modify DHCP Relay so that GIAddress sends LAN IP address instead of WAN IP address

2 DLNA

Improved DLNA functionality. Ability to support NTFS formatted hard-drive and support of media file over 4 GB in size

Firmware Release: DQ-R4B053-US

Added Features

1 Omni Port Timer

Option to specify amount of time when modem switches to OMNI Port interface after no DSL Sync is detected

Updates / Changes

1 PPPoE Remote Settings Modification

Modify behavior to allow editing of PPPoE settings remotely

2 DHCP Server DNS Operation

Modify so that if modem is reset to factory default, the LAN DNS Field will populate with Gateway IP address

Firmware Release: DQ-R4B052-US

Added Features

1 Edit: Policy and Static Routing

The ability to edit an existing Policy or Static Route

2 DNS and Gateway Prioritization

The ability to prioritize the DNS and Gateway paths for PVCs within a common service group
ie: Gateway Path 1: 0.35 ; Gateway Path 2: 0.36
ie: DNS Path 1: 0.35 ; DNS Path 2: 0.36

Firmware Release: DQ-R4B051-US

Added Features

1 Static Gateway

The ability to specify a universal static gateway

2 Outgoing IP Filtering

IP Filtering Ranges added for end user restrictions

Firmware Release: DQ-R4B050-US

Added Features

1 ADSL2+ PHY Update

From A2pD030n to A2pD035a

2 Multi-NAT

1:1, 1 to Many, Many to 1 options added under "Security"

Firmware Release: DQ-R4B049-US

Updated Changes

1 IPv6 Hostname Resolution

Bug Fix: DSN Hostnames not properly resolving - Resolved

Firmware Release: DQ-R4B048-US

Updated Changes

1 Typo Resolutions

General Typos - Inclusion of VDSL2 verbiage within GUI

1 IPv6 Syntax Standardized

Adjusted Syntax to support zero compression

Firmware Release: DQ-R4B047-US

Updated Changes

1 Fixed IP Filtering Resolution

Fixed IP Filtering was not previously working with remote access when Public IP Addresses were allocated behind the firewall
