



Firmware Release Notes

Model: M504
Hardware Revision: 2a
Current Firmware Version: DQ-R4B027-US
DSL PHY Driver: A2pD038f.d23j1
Date: January 14th, 2013

Firmware Release: DQ-R4B027-US

Updates / Changes

1 DSL Phy

DSL Phy Driver updated to A2pD038f.d23j1

2 Remove TR64 client process

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

Firmware Release: DQ-R4B022-US

Updates / Changes

1 OMNI PORT ETHERNET Bootup Behavior

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

2 SIP ALG

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

Firmware Release: DQ-R4B021-US

Updated / Changes

1 WAN Services Edit Feature

Allow selection of WAN connection type when editing existing WAN service

Firmware Release: DQ-R4B020-US

Added Features

1 ACS Client: Option for LAN or WAN MAC Inform

Option to select whether modem sends out its 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)
 - 3 Remote LAN Modification**
Remote LAN Modification Bug Resolved
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Firmware Release: DQ-R4B019-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 harddrive and support of media file over 4 GB in size
 - 3 Remote WAN Modification**
Bug Fix regarding NAT / Firewall remote modification
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Firmware Release: DQ-R4B018-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
- 2 Policy and Static Routing**
Added Edit button to modify currently built routes
- 3 DHCP DNS Auto-Fill**
Changed LAN DHCP DNS Auto-Population to reflect LAN Gateway
- 4 Gateway Option**
Added option to specify Static IP for Gateway Address

Updates / Changes

- 1 PPPoE Remote Changes**

Modify behavior to allow editing of PPPoE settings remotely

2 IP Filtering

Modify behavior to allow ranges configuration for Outgoing Filtering rules

Firmware Release: DQ-R4B016-US

Added Features

1 Multi-NAT

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

Updates / Changes

1 Update PHY

From A2pD035a TO A2pD030n

Firmware Release: DQ-R4B015-US

Updates / Changes

1 Update PHY

From A2pD033d TO A2pD035a

Firmware Release: DQ-R4B015-US

Updates / Changes

1 Update PHY

From A2pD030n TO A2pD033d

1 IPv6 DNS Hostname Resolution

Resolution of reported bug: IPv6 DNS Hostname Resolution
