



# FIRMWARE RELEASE NOTES

Model: M505N – Revision 3  
Published Date: November 21<sup>st</sup>, 2014  
Current FW Code: M505N\_R3A\_4128\_S3\_00\_007

Firmware Version: M505N\_R3A\_4128\_S3\_00\_007

Status: General Release

DSL Phy Driver / Code: d24h. A2pG038i

Wireless Driver Version: 6.30.163.23.cpe4.12L

## UPDATES / CHANGES

### 1. CPU Utilization

Update to CPU Utilization to limit tr69c process from using more than 75% of processor during bootstrap events

Firmware Version: M505N\_R3A\_4128\_S3\_00\_006

Status: Limited Release

DSL Phy Driver / Code: d24h. A2pG038i

Wireless Driver Version: 6.30.163.23.cpe4.12L

## UPDATES / CHANGES

### 1. HTTP Permissions Update

Access to WAN modification were over-restricted to remote super-user accounts. Modified to allow access to full GUI features remotely.

Firmware Version: M505N\_R3A\_4128\_S3\_00\_005

Status: Limited Release

DSL Phy Driver / Code: d24h. A2pG038i

Wireless Driver Version: 6.30.163.23.cpe4.12L

## UPDATES / CHANGES

### 1. DNS Malware Hardening

DNS Proxy hardened to ensure no downtime in event of LAN based attacked

udhpcd daemon updated to address compatibility with legacy servers

Firmware Version: M505N\_R3A\_4128\_S3\_00\_004

Status: Limited Release

DSL Phy Driver / Code: d24h. A2pG038i

Wireless Driver Version: 6.30.163.23.cpe4.12L

#### **UPDATES / CHANGES**

##### 1. WiFi Environmental Reporting

Update in reporting mechanism to include more statistics

##### 2. Remote Permissions

Restrictions regarding IPoE WAN modification removed for remote super-user.

Firmware Version: M505N\_R3A\_4128\_S3\_00\_003

Status: Limited Release

DSL Phy Driver / Code: d24h. A2pG038i

Wireless Driver Version: 6.30.163.23.cpe4.12L

#### **UPDATES / CHANGES**

##### 1. WiFi Environmental Reporting

Remote Scan for WiFi Environmental Statistics

##### 2. WiFi Rescan from Physical Button

When device is in "auto" channel selection mode, and front "Wireless" button is pressed, the device will re-scan for the best channel.

Firmware Version: M505N\_R3A\_4128\_S3\_00\_002

Status: Limited Release

DSL Phy Driver / Code: d24h. A2pG038i

Wireless Driver Version: 6.30.163.23.cpe4.12L

#### **UPDATES / CHANGES**

##### 1. TR69 Modification

Modification Parameters regarding PPPoE modified to support Calix and Finenoint based

Firmware Version: M505N\_R3A\_4128\_S3\_00\_001

Status: General Release

DSL Phy Driver / Code: d24h. A2pG038i

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### **UPDATES / CHANGES**

#### 1. Password Hash and Salt Modification

Initial deployment firmware. Password Hash and Salt strengthened for in-field deployment.