



Firmware Release Note

Preamble

This Release Note is to manage and monitor different version of the software development process, record very modification and improvement process, and ensure that relevant information can be queried at any time.

Release Date: List the date of firmware release.

Firmware Inherited: List the one which inherited.

New Features: List the new features compared with the previous version.

Improved Features: List the features that have been optimized or improved compared with previous version.

Firmware V1.1.6(0742bac)

Release Date: 12/29/2020

Firmware Inherited: V1.1.4 (0c0c9fa)

=====

New Features:

1. Compatible with AAA feature
2. Add sniffer feature
3. Add URL filter feature
4. Add the sync PC time feature
5. Add the NTP server feature
6. Add the Call reboot feature
7. Add the input chain on ACL to allow the special IP address to connect to the router
8. Add QoS feature

=====

Improved Features:

1. Fix the bug that cannot import the configuration file once enable Community Setting and USM Users Settings on SNMP
2. Optimize the encryption to make all the input password invisible
3. Fix the bug when active link WAN had set the static IP address and disable the ICMP detection, it cannot change the parameters on WAN
4. Optimize the router login mechanism
5. Optimize Modbus Master to make it read multi-register at the same time
6. Optimize the Port Mapping to make it supports 50 index of the rules
7. Optimize the diagnose file to make it include the syslog and configuration file
8. Optimize the dial up mode to make it support the PPP mode
9. Optimize some English expression inside the router
10. Optimize the longitude and latitude display of GPS and without SIM card the GPS is still able to initialize
11. Optimize the SMS encoding issue
12. Optimize the AT debug that can not input the AT command with space
13. Optimize that the DDNS service will not restart even the link failover

Firmware V1.1.4(0c0c9fa)

Release Date: 06/19/2020

Firmware Inherited: V1.1.2 (3be6e5a)

=====

New Features:

1. Compatible with SNMP feature
2. Compatible with Email Notification feature
3. Compatible with TR069 feature
4. Compatible with Modbus Master feature
5. Compatible with IEC101 to IEC104 feature
6. Compatible with DLMS to IEC104 feature
7. Compatible with Modbus to DNP3 feature
8. Add Modbus Slave APP (Allow 5 Modbus Master connected to 1 Slave simultaneously)
9. Add Modbus ID Mapping feature
10. Add OpenVPN Server feature
11. Add Enable/Disable local access: Local Telnet/Local HTTP/Local HTTPS/Local SSH
12. Add "NAT Enable" option on each up link
13. Add the USB LED as Wi-Fi Client will take effect (Before only Wi-Fi AP)
14. Allow to set multiple "Remote Subnet" and "Local Subnet" on IPsec, separated by comma
15. Allow to Enable/Disable the Remote/Local ping response
16. Add the "Metric" on static route settings, range is 0 – 9999
17. Allow to set Secondary IP Address on Ethernet WAN
18. The metric value is 100 on WAN as default
19. Allow to use SMS Gateway (http HTTP(S) GET/POST) to get SMS list/view total SMS/read certain SMS/delete certain SMS/delete all SMS
20. Add the option to display the SMS format (Text/PDU), only make use on reading SMS/SMS List
21. Add the Chinese Language APP
22. Router sync time from cellular module (Only for Quectel module)
23. Add "MARK" and "SPACE" for serial parity
24. Allow to import OVPN file of OpenVPN Client to the router
25. Add one to one NAT feature
26. Add Telenor Operator info to database (PLMN:24201)
27. Allow to bind the MAC on LAN DHCP

=====

Improved Features:

1. Fix the bug that the DHCP Lease displayed abnormally
2. Optimize the configuration downloaded feature, which is able to download directly
3. Optimize the DDNS feature, displayed as List Table and support 4 DDNS provider at the same time
4. Optimize the L2TP feature, which is able to define the L2TP VPN port
5. Optimize the SMS Notification feature, which is able to Enable/Disable the timestamp
6. Optimize the DI feature, which is able to send the Device Static by defined the special characters
7. Optimize the quantity of APP installed, limitation is 5(excluding the OEM and Language APP package)
8. Optimize the DHCP Server feature, to make the end device received the IP address immediately once the DHCP configuration changed
9. Fix the bug when receive the SMS and cannot recognize the phone number with country code
10. Fix the bug when click "Industrial Interface>Serial", webpage will pop up "width of list col must between 60px and 200px"
11. Fix the bug that the IP passthrough feature, which the end device will get the wrong IP address

Firmware V1.1.2(3be6e5a)

Release Date: 11/15/2019

Firmware Inherited: V1.1.1 (4d57a3a)

=====

New Features:

1. Add SMS Control Option

=====

Improved Features:

1. Fix the bug that can not find the password file of PPTP vpn
2. Optimize the dialing process, delete the event control of Quectel module
3. Optimize the installation process of APP, enabling APPs to be over-installed

Firmware V1.1.1(4d57a3a)

Release Date: 09/26/2019

Firmware Inherited: V1.1.0 (ddcaac4)

=====

New Features:

1. Add AT Over IP App
2. Add AT Over COM App
3. Add AT Over Telnet APP
4. Add Modbus Slave APP
5. Add L2TP APP
6. Add PPTP APP
7. Add DDoS feature
8. Add Interface Bonding and Default Route features on GRE VPN
9. Add Interface Bonding feature on DMVPN
10. Add timestamp on DIDO SMS message
11. Add multi-connection feature on serial port

=====

Improved Features:

1. Fix the parity problem on serial port
2. Fix the problem that GRE VPN without keepalive feature
3. Optimize DDNS feature
4. Optimize AT over IP/COM/Telnet features, compatible with Quectel, Huawei, Simcom, Fibocom, Telit module
5. Optimize AT over IP/COM features, the content on AT+CMGS will add Quotation Marks automatically. For example, AT+CMGS=XXX-- >AT+CMGS="XXX"
6. Fix the problem that import the configuration file fail
7. Fix the problem that can not config LAN-DHCP under CLI
8. Fix the problem that can not config APP parameters under CLI

Firmware V1.1.0(ddcaac4)

Release Date: 06/26/2019

Firmware Inherited: V1.0.2 (6109a8f)

=====

New Features:

1. Add SMS Gateway and SMS Notification feature
2. Pop up the reboot tips when delete the APP package
3. Module Quetel UC20 supported

=====

Improved Features:

1. Fix the problem that the PIN code limitation of length
2. Fix the problem that IP Passthrough initialize abnormal
3. Fix the problem that Visitor Account cannot setup the same username and password as Administrator Account
4. Fix the problem that Visitor Account cannot import the OpenVPN certificate
5. Fix the problem that MTU take no effect
6. Fix the problem that the DDNS interval take no effect when less than 30s
7. Fix the problem on Wi-Fi Statue that cannot display the special character of SSID
8. Fix the problem that Port Mapping function run abnormal

Firmware V1.0.2(6109a8f)

Release Date: 02/14/2019

Firmware Inherited: V1.0.1 (94622fb)

=====

New Features:

1. Add the new framework to allow router support the APPs install/uninstall
2. Create the APP for OEM with natural version
3. Create the APP for DMVPN
4. SMS Control
5. URL upgrade firmware under CLI
6. Module Quectel EP06-ELA, Fibocom NL668, SIMCOM SIM7600E-H supported
7. Add AT Debug feature
8. Add IP Passthrough feature
9. Add VLAN Trunk feature
10. Add GRE Layer2 feature

=====

Improved Features:

1. Fix the problem that the NET LED flash abnormally
2. Add the option on "Passthrough Host MAC" to explain more about this feature
3. Correct some English grammar on router webpage
4. Fix the problem that the router don't clear the data traffic automatically when reach the pre-set date
5. Fix the problem that the APP parameters can not be erased when delete the APP
6. Fix the problem that sometimes the link WWAN2 cannot dial up successfully

Firmware V1.0.1(94622fb)

Release Date: 11/27/2018

Firmware Inherited: V1.0.1 (e2eb188)

=====

New Features:

=====

Improved Features:

1. Fix the problem that the Visitor Account can down the syslog
2. Fix the problem that the it did not clear the DNS while the link switched
3. Fix the problem that the serial port lost data
4. Fix the problem that the link cannot reconnect while both PING reply timeout and link reconnect at the same time

Firmware V1.0.1(e2eb188)

Release Date: 11/05/2018

Firmware Inherited: V1.0.0 (5161c04)

=====

New Features:

1. Add the Data Roaming function, router can enable or disable data roaming

=====

Improved Features:

1. Fix the problem that the configuration file could not be imported
2. Fix the problem that the router cannot delete the list parameter

Firmware V1.0.0(5161c04)

Release Date: 10/29/2018

Firmware Inherited: V1.0.0 (1018.0)

=====

New Features:

1. Optimize the OpenVPN throughput capacity
2. Compatible with Module MU709s-6

=====

Improved Features:

1. Fix the problem that Module EC25 is abnormally disconnected in some countries
2. Fix the problem that the router cannot obtain the PIN code

Firmware V1.0.0(1018.0)

Release Date: 10/18/2018

Firmware Inherited: V1.0.0 (903.0)

=====

New Features:

1. Compatible with NR500 NC router
2. Add the WiFi Client function
3. Add the CLI function
4. Add the Telnet function
5. Add the SSH function
6. Add the GRE VPN function
7. Add the VRRP function
8. Add the mechanism to prevent brute force
9. Add the PPP dial up process, compatible with Module H330S

=====

Improved Features:

1. Optimize system startup process
2. Fix the problem while upgrade fail and cannot restart