



Model Name	FRG-3105	Version	1.00.0L	Designer	Approval
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Firmware Version 1.00.0L

Date: 2021/03/14

New Feature / System Release	Description
N/A	N/A
Update	Description
CWMP	Fixed the memory leak issue.
SFP	Fixed that cannot read DMI issue.

Firmware Version 1.00.0K

Date: 2021/02/05

New Feature / System Release	Description
N/A	N/A
Update	Description
Auto-Provision	Modify the rule of packet traffic, prioritize MGMT interface, if MGMT interface not enable, will send from data interface.

Firmware Version 1.00.0J

Date: 2021/02/04

New Feature / System Release	Description
N/A	N/A
Update	Description
ACS	Fixed the issue that when ACS URL is empty, will display ACS username error message.
CWMP	Fixed the memory leak issue.

Firmware Version 1.00.0I

Date: 2021/02/02

New Feature / System Release	Description
N/A	N/A
Restore config / Firmware Upgrade	Support specify source interface.



Update	Description
HW reset button	Modify behavior of Reset Button (Status LED): [Original] [0~5 sec] Green light : No action [5~13 sec] Orange light : Reboot [13~20 sec] Orange light with blinking (0.5 sec on / 0.5 sec off) : Reset to supplier default [20~ sec] Orange light with blinking (0.1 sec on / 0.1 sec off) : Reset to factory default [New] [0~5 sec] Green light : No action [5~10 sec] Orange light : Reboot [10~20 sec] Orange light with blinking (0.5 sec on / 0.5 sec off) : Reset to factory default [20~ sec] Orange light with blinking (0.1 sec on / 0.1 sec off) : Reset to supplier default
Syslog	Fixed that when MGMT interface don't have IP address, syslog packet will also send from data interface issue.
CWMP	Fixed that connection request packet format incorrect issue.
Web	Fixed that ACS server have "alias" interface, but web no this can choice issue.
System	Fixed the issue that if rom-d exist, do the hardware factory default will cannot restore to CTS default.

Firmware Version 1.00.0H

Date: 2021/01/11

New Feature / System Release	Description
N/A	N/A
Update	Description
SSH	Fixed the issue that cannot see about SSH config via Web UI, CLI. (Although SNMP has OID, but cannot set successful.)
Ping & Traceroute	Fixed the issue that when doing ping and traceroute via Web UI and SNMP, will find cannot specify source interface.
DHCPv6 auto-provision	Fixed the issue that DHCPv6 auto-provision only can work once.

Firmware Version 1.00.0G

Date: 2020/12/18

New Feature / System Release	Description
CWMP	Support URL field can display the URL which get from dhcp server option.
Update	Description
N/A	N/A

Firmware Version 1.00.0F

Date: 2020/12/17

New Feature / System Release	Description
N/A	N/A
Update	Description
WAN interface	Modify the default value as Disable.
HTTPs	Fixed that HTTPs will not smooth when auto transfer page issue.

Firmware Version 1.00.0E

Date: 2020/12/14

New Feature / System Release	Description
Ping/Traceroute	Support interface choose.
Interface	WAN interface support DNS.
SSH	Support SSH.
HTTPs	Support HTTPs
DHCP option43	DHCP option43 support code 99. (After restore configuration done, need to reboot immediate or not. 1-Yes, 0-No)
IPv6 Auto Provision	Support can update all image at the same time.
DHCPv6	Option 17 support code 99 (After restore configuration done, need to reboot immediate or not. 1-Yes, 0-No)
DHCPv6	Option 17 support code 97 & code 98 (# 97-Configuration file name Extension # 98-MD5 digest of Configuration file Extension)



Configuration file	Support MAC OS's wrap format.
CWMP	Support ACS discovery feature.
Event log	Support failure message when doing auto provision.
Update	Description
CWMP /DHCP auto-provision	Modify that CWMP & DHCP auto-provision can't enable at the same time.
Connection Request URL	Fixed that Connection Request URL's port number can't dynamic change issue.
Traceroute	Fixed that when doing traceroute, cannot be interrupt issue.
CWMP	Fixed that when doing reboot through CWMP, the first info packet's event code don't have 'MReboot' issue.
CWMP	Fixed that when doing restore config through CWMP will be failed issue.
CWMP	Fixed that when reenable CWMP, notification need to be resetting issue.
CWMP	Fixed that when modify IPv6 address, will cause ConnectionRequestURL change to IPv6's format.
WEB	Fixed that when doing firmware upgrade, the page will happen empty issue.
Host Name	Fixed that when modify Host Name, some terminal will not changed issue.
Interface	Fixed that when modify interface's ip address, will see error message (event ip address are not the same).
SSH	Fixed that when enable SSH mode, can't connect to device through SSH issue.
CWMP	Fixed that when enable WAN mgmt interface and apply, then to enable CWMP will cause CWMP not work issue.
Interface	Fixed that when disable mgmt interface and set static IPv4 address, when set the same IPv4 address to data interface will not successful issue.
SNMP	Fixed that when use SNMP to run snmpwalk, SNMP service will gets stuck, then need wait 2 mins and SNMP service will back issue.
CPU	Fixed that when get the status about WAN IPv6 / LAN IPv6 / DHCPv6 client list / DDNS IPv6 return message, will cause CPU loading increase issue.
DHCPv6	Fixed that when WAN data & management enable DHCP mode, the management's DHCPv6 client will not get the packet from DHCPv6 server issue.
PPPoE	Fixed that IPv6 PPPOE function will not work when use special



	symbols as user name or password issue.
IPv6 LAN status	Fixed that IPv6 LAN status do not display DHCPv6 client list issue.
Power down trap	Fixed the issue that system power down trap cannot work with IPv6 trap destination.
IPv6 WAN status	Fixed the issue that IPv6 Wan status display incorrect when IPv6 wan interface in DHCP mode through CLI.
Interface	Fixed the issue that when the data interface acquires an IP address by PPPoE, the routing table will contains an entry for the VoIP interface.
DHCPv6	Fixed the issue that DHCPv6 server set DNS from WAN and RADVD enable M-bit, but DHCPv6 will not assign DNS option to DHCPv6 client.
IPv6 static route	Fixed the issue that after modify an IPv6 static route entry and apply the new settings. The old rule still work.
DHCPv6	Fixed the issue that when set LAN DHCPv6 lease time to 0 via SNMP will not successful.
Interface	Fixed the issue that Disable mgmt interface and set static IPv6 address, when set the same IPv6 address to data interface will not successful .
System Information	Fixed the issue that the local time field in the System Information web page is always empty.
DHCP	Fixed the issue that Expire Time display incorrect.
DHCP lease table	Fixed that if DHCP client's host name include space, the DHCP Server lease table will display incorrect information issue.
DHCP auto-provision	Fixed that after download firmware & configuration file, device will not work issue.
Data interface	Modify that IPv4 & IP v6's default vlan-id are the same (vlan 8).
Restore configuration	Modify that restore config file without "#" in line 1 first character should be return error.

Firmware Version 1.00.0D

Date: 2018/08/08

New Feature / System Release	Description
N/A	N/A
Update	Description
Status / Routing Table	Modify display lists of routing table from 50 to 254.
Status / Event Log	Modify display lists of event log to 500.
WAN Setup / WAN Interface	Speed up to get WAN Interface info, before is very slow (about 15 sec), and if repeat to try again, then will effect need wait more time than 15



	secs.
Restore Configuration	Fixed that after do backup configure file of IPv6 DDNS password and username, the configure file will not match the expect configure.

Firmware Version 1.00.0C

Date: 2018/06/25

New Feature / System Release	Description
N/A	N/A
Update	Description
System Information / Fiber Information & SFP Status	Fixed that when WAN fiber linked up, then fiber information and SFP status cannot display any content.

Firmware Version 1.00.0B

Date: 2018/06/12

New Feature / System Release	Description
SNMP	Support ifInOctets & ifOutOctets OID for SNMP.
DHCP Auto-provision	Modify format of option 43 configure file. [Original] Format: filename [New] Format1: filename1;filename2 Format2: filename Example of new option 43: 1. option CTS.configuration-file-name "second.dat"; 2. option CTS.configuration-file-name "first.dat"; 3. option CTS.configuration-file-name ";second.dat"; 4. option CTS.configuration-file-name "three.dat;four.dat";
Update	Description
System	Fixed that when press Apply button, even without change related ports, the related ports still will link down then up.
LED / Port	Fixed that when plug specific SFP then power on device, the LAN port 4 can link up and forward traffic, but LED cannot light.
IGMP Control	Fixed that cannot forward multicast stream to bridge port.



DMZ	Fixed that when enable DMZ and set the specified source IP address range, then DUT cannot be accessed from WAN by any IP.
Port Forwarding	Fixed that port forwarding cannot working.
WEB GUI	Allow user can input Chinese character.

Firmware Version 1.00.0A

Date: 2018/02/12

New Feature / System Release	Description
N/A	N/A
Update	Description
Restore configuration	Fixed that when do restore configure, port forwarding setting will disappear.
System	Fixed that when do reset to default, after bootup then Copper WAN cannot link up.

Firmware Version 1.00.09

Date: 2018/01/22

New Feature / System Release	Description
WAN Setup / DHCP Option60 VLAN Mapping Table	<ol style="list-style-type: none">1. When LAN port received DHCP packet, option 60 if meet this rule, then will change this LAN NAT port to Bridge mode and also set PVID same as rule one automatically.2. And the port state if from up to down, then will recover Bridge to NAT mode.
Restore Configuration	<p>Support new behavior on write-protect, when doing restore configure file, if add specific function name at the end, then during restore, system will not to restore specific function.</p> <p># write-protect home [function name]</p> <ol style="list-style-type: none">1. DDNS : DDNS, IPv6 DDNS2. NetworkSetup : LAN IP, DHCP server, DHCP Reservation, LAN IPv6, DHCPv6 server, DHCPv6 Reservation, RADVD3. WiFi : Wireless Setup, Wireless Security, Wireless Advanced, MAC Access Filter4. Application : DMZ, Port Forwarding5. Security : Firewall, Packet Filter, URL Filter, VPN Pass Through,



	<p>UPnP, DDoS</p> <p>6. Administration : User Privilege</p> <p>Example#1 of configure file second command line: # write-protect home DDNS,NetworkSetup,Security Result: after restore done, DDNS, Networksetup and security part will saved last time configure, not be restored.</p> <p>Example#2 of configure file second command line: # write-protect home Result: Above 6 items functions all will be saved, not be restored.</p>
Update	Description
Advanced / Setup / Routing Setup	Fixed the static route still exist when delete this static route.
System	Fixed that when press Apply button, but still not valid the settings. Improve: When system still in busy, at this moment press Apply then will change to waiting page “System busy ! Please try later ...”
Restore Configuration	Fixed that when restore write-protect home level’s configure file, WLAN MAC filter will restore failed.
Restore Configuration	Fixed that when restore write-protect home level’s configure file, in this file if have 2 homeuser level account then will restore failed.

Firmware Version 1.00.08

Date: 2017/12/15

New Feature / System Release	Description
N/A	N/A
Update	Description
Ping	Fixed that the ping function can’t work well.

Firmware Version 1.00.07

Date: 2017/12/13

New Feature / System Release	Description
Remote IP	Added that to allow remote management access IP address range extended to 5 IP address range.



CLI	Modified that the display format for show management access-control.
Update	Description
N/A	N/A

Firmware Version 1.00.06

Date: 2017/12/11

New Feature / System Release	Description
Traceroute	Added that traceroute diagnosis function.
Update	Description
WEB	Fixed that the wrong of "Network Setup" should change to "LAN Setup".
Configuration	Fixed that the device restore configuration fail issue.
CWMP	Fixed that when CWMP is enabled without ACS server connection, device will always do to save configuration.
CWMP	Fixed that the CWMP can't work fine.
CLI	Fixed that it can't set LAN IPv6 address prefix length on CLI and SNMP.
DHCP	Fixed that when change DHCP mode to PPPoE mode in Data interface, DHCP release won't send out.
WEB	Modified the location of the function on the WEB.

Firmware Version 1.00.05

Date: 2017/08/23

New Feature / System Release	Description
N/A	N/A
Update	Description
CWMP	Fixed that it can't be available immediate when click "OK" and "Apply" button after setting CWMP configuration on the WEB.
CWMP	Fixed that it can't send inform packets regularly.

Firmware Version 1.00.04

Date: 2017/08/14



New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	Fixed that it can't successful when set value over 32 prefix length of WAN interface 6rd.
SNMP	Fixed that when enable DNS proxy of DHCP server, ip-mac binding mode will display wrong value.
DHCP	Fixed that the DHCP option60 field on the UI can allow spaces symbol.
Telnet	Modified that the prompt of Telnet Service LAN & WAN option should be Disable & Enable.
Trap	Fixed that Power Down Trap can't work fine issue.
CWMP	Fixed that the CWMP function can't work fine issue.

Firmware Version 1.00.03

Date: 2017/08/03

New Feature / System Release	Description
N/A	N/A
Update	Description
CWMP	Fixed that CWMP can't response request from ACS server through IPv4/IPv6 address.
SNMP	Fixed that it can't display correctly when setting WAN interface 6rd tunnel.
DNS	Fixed that DNS proxy will not cache DNS entry, when DNS TTL is not expired.
PPPoE	Fixed that IPv4 and IPv6 wan interface only one can get IP address when both in the PPPoE mode.
PPPoE	Fixed that it can't get right global IPv6 address.

Firmware Version 1.00.02

Date: 2017/07/25

New Feature / System Release	Description
CWMP	Added that CWMP function can support IPv6 address.
Update	Description
CWMP	Fixed that CWMP with IPv4 URL can't work issue.



Firmware Version 1.00.01

Date: yyyy/mm/dd

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP	Fixed that the value DHCP option60 can't enter the blank space.
System	Fixed that when reboot DUT then user account will disappear.
VLAN	Fixed that when show tag vlan from CLI, it can't display WAN port vlan group.

Firmware Version 1.00.00

Date: 2017/07/14

New Feature / System Release	Description
N/A	N/A
Update	Description
N/A	N/A