

GWN780x Switch Firmware Release Notes

IMPORTANT UPGRADING NOTE

1. **Once GWN780x is upgraded to firmware 1.0.3.x, downgrading to 1.0.1.x or lower firmware version is not allowed.**
2. [6/15/2023] Regarding Cloud management, any switch version below 1.0.3.x does not support GWN Cloud provision (1.0.1.x only supports GWN Cloud remote tunneling to local web UI). Therefore, upgrade from 1.0.1.x to 1.0.3.x or above cannot be performed through GWN Cloud. Administrators need to either login to device locally or remote tunneling from Cloud, and then upgrade to 1.0.3.x through local web UI. After upgrade 1.0.3.x device can be managed or perform further upgrade through GWN Cloud.

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FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:

<https://www.grandstream.com/support/firmware>

FIRMWARE VERSION 1.0.3.37

PRODUCT NAME

GWN7801(P) / GWN7802(P) / GWN7803(P)

DATE

10/30/2023

FIRMWARE FILE INFORMATION

- GWN780x Firmware file name: gwn780xfw.bin
MD5 checksum: f32b7e5265d345f4fd357fdb33b434ab

CHANGES/ENHANCEMENT

- Added support for GWN Cloud 1.1.25.23.
- Optimized CPU usage.
- Added support of SSH and TELNET in # mode.
- Added support of Dynamic Voice VLAN.
- Added support of voice VLAN OUI untagged mode.
- Added support of EXEC CLI config commands by GWN Cloud.
- Added support of backspace when using CLI.
- Fixed an issue that GWN7803P randomly get stuck.
- Fixed an issue that when configure two radius servers, after entering a wrong account, it will repeatedly ask to enter the account password, and the authentication status will not enter the lock state.
- Fixed an issue that after restarting, the path cost in the PVST port settings will become to the default value.
- Fixed an SSH issue that it lost the management IP address after changing the management IP address from DHCP to static.
- Fixed an LLDP/LLDP-MED issue that after restarting the device, the automatic voice network policy will be turned off.

- Fixed some issues related to Spanning Tree feature.
- Fixed some GWN Cloud related issues.
- Fixed some GWN Manager related issues.
- Improved some strings and translations.
- Internal bug fixes.

FIRMWARE VERSION 1.0.3.19

PRODUCT NAME

GWN7801(P) / GWN7802(P) / GWN7803(P)

DATE

6/15/2023

FIRMWARE FILE INFORMATION

- GWN780x Firmware file name: gwn780xfw.bin
MD5 checksum: 9d77cf78b454a26c22216e20c78afbde

CHANGES/ENHANCEMENT

- Added feature of IPv6 RA, RS.
- Added feature of DHCP server.
- Added feature of DHCP relay.
- Added feature of ARP table.
- Added feature of routing table.
- Added feature of static routing.
- Added feature of time scheduling.
- Added feature of one key debugging.
- Added feature of copper test.
- Added support of port based enable/disable in QoS port priority.
- Added support of SP-WRR and SP-WFQ to queue policy of QoS.
- Added support of neighbor discovery.
- Added support of VPN IP interface configuration.
- Added support of switch IP interface DNS configuration.
- Added support of mDNS discovery.

- Added support of fan status to system information.
- Added support of ErrDisable status to port information.
- Added support of EEE.
- Added support of SSH/Telnet client.
- Added support of SSH remote access.
- Added support of Layer 2 and Layer 3 GWN Manager discovery.
- Optimized port information display.
- Optimized port power limitation for PoE models.
- Fixed an issue causing high CPU load.
- Internal bug fixes.

FIRMWARE VERSION 1.0.1.36

PRODUCT NAME

GWN7801(P) / GWN7802(P) / GWN7803(P)

DATE

4/18/2023

FIRMWARE FILE INFORMATION

- GWN780x Firmware file name: gwn780xfw.bin
MD5 checksum: 44a95a0d0610cce7e2aa8ebdc7057c29

CHANGES/ENHANCEMENT

- Added DNS configurations for switch IP service.
- Fixed some webUI display issues.
- Fixed an issue which causes core file when creating a user with username longer than 32 characters.
- Fixed an issue that after VLAN is removed from a port, the PVID will not be automatically restored.
- Fixed an issue that causes monitor user lost.
- Fixed an issue of CLI command “show tech-support” causing long loading.
- Fixed an issue that port status display incorrectly when shutdown by loop detection.
- Fixed an issue that illegal NTP server settings cause boot abnormal.
- Internal bug fixes.

FIRMWARE VERSION 1.0.1.30

PRODUCT NAME

GWN7801(P) / GWN7802(P) / GWN7803(P)

DATE

2/7/2023

FIRMWARE FILE INFORMATION

- GWN780x Firmware file name: gwn780xfw.bin
MD5 checksum: 6c24de94be8f8b1ecb1884aae02aabed

CHANGES/ENHANCEMENT

- Fixed the issue that GWN780x always shows offline from GWN.Cloud if using static IP.
- Fixed the issue that GWN780x Cloud connection is unstable.
- Internal bug fixes.

FIRMWARE VERSION 1.0.1.20

PRODUCT NAME

GWN7801(P) / GWN7802(P) / GWN7803(P)

DATE

12/7/2022

FIRMWARE FILE INFORMATION

- GWN780x Firmware file name: gwn780xfw.bin
MD5 checksum: 4744afc107d6ca02b8e085a13c394eb3

CHANGES/ENHANCEMENT

- This is the first release of GWN780x.