

GWN780x Pro Switch Firmware Release Notes

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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 1.0.15.219

PRODUCT NAME

GWN7801P Pro,
GWN7802P Pro,
GWN7803 Pro, GWN7803PL Pro, GWN7803PH Pro,
GWN7806PH Pro, GWN7806PL Pro

DATE

1/15/2026

FIRMWARE FILE INFORMATION

- GWN7801P/02P/03PH/03PL/03 Pro Firmware file name: gwn780xprofw.bin
MD5 checksum: c60da7b45a75bf9485540a94de1fd98c
- GWN 7806PH/PL Pro Firmware file name: gwn7806fw.bin
MD5 checksum: 20af2f18c58c3d249353b50e39b78cba

CHANGES/ENHANCEMENT

- Added support for Pro AV and IEEE 1588 PTP.
- Fixed internal bugs.

NEW FEATURE OVERVIEW

- **Pro AV**

The GWN78xx series switches feature professional AV functions and, in combination with the QoS mechanism, ensure the priority transmission of critical AV signals.

1. With a visual graphical interface, each port can be configured with professional AV functions, greatly simplifying deployment and management.
2. Compatible with AES67, Dante, and NDI, preset solutions for different scenarios can be applied with one-click, lowering the usage threshold.
3. Accurately and quickly identify AV streams and prioritize their processing, while supporting multi-channel concurrent transmission.

Configuration:

(1) Pro AV template settings

The device has 6 built-in templates, which are as follows:

Pro AV

Configuration Template

[Add](#)

Template	Description	Operation
Audio AES67	To connect IP Audio AES67 devices and their controller	<input checked="" type="checkbox"/> <input type="checkbox"/>
Audio Dante	To connect IP Audio Dante devices and their controller	<input checked="" type="checkbox"/> <input type="checkbox"/>
Video NDI4	To connect NDI Version 4 (mTCP) video devices and cameras.	<input checked="" type="checkbox"/> <input type="checkbox"/>
Video NDI5 with Dante-Q-Sys or AES67 audio	To connect NDI Version 5 (RUDP) video devices and cameras. Audio Dante, Q-SYS or AES67 is supported at the same time in the same VLAN.	<input checked="" type="checkbox"/> <input type="checkbox"/>
Video with AES67 audio	To connect IP Video devices and their controller. Audio AES67 supported at the same time in the same VLAN. Supported devices include NVX, AMX, ZeeVee, Aurora, Kramer, Ailon, LibAV, Visionary, Wyrestorm, Extron NAV, Dante Video, SDVoE & etc.	<input checked="" type="checkbox"/> <input type="checkbox"/>
Video with Dante audio	To connect IP Video devices and their controller. Audio Dante supported at the same time in the same VLAN. Supported devices include NVX, AMX, ZeeVee, Aurora, Kramer, Ailon, LibAV, Visionary, Wyrestorm, Extron NAV, Dante Video, SDVoE & etc.	<input checked="" type="checkbox"/> <input type="checkbox"/>

Users can add more customized templates using the “Add” button:

✕

Add Template

***Template**
 1-64 characters, including digits, letters and special characters except
 "\?/,

Description
 0-256 characters, including digits, letters and special characters except
 "\?/,

Multicast

It is recommended to enable multicast, otherwise it may cause network congestion and affect usage.

E2E TC

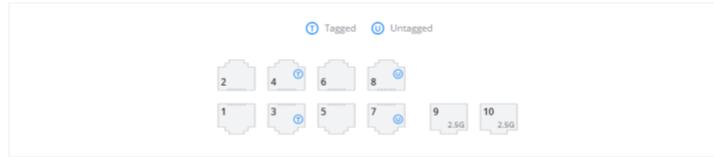
Cancel
OK

(2) Pro AV port-level configuration

In the port application template, integrate VLAN switching technology, multicast technology, stream classification technology, etc., and generate a configuration file, then the configuration will take effect.

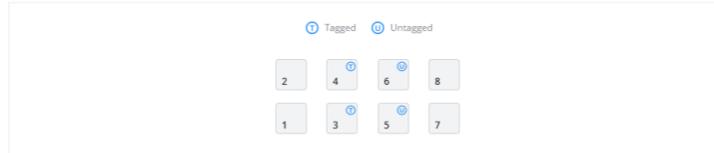
Configuration > Add Configured Profile

Click port to change the member type



LAG

Click port to change the member type



Configured Profiles

1-64 characters, including digits, letters and special characters except '\', /

Template

VLAN ID

Valid range is 1-4094

Color

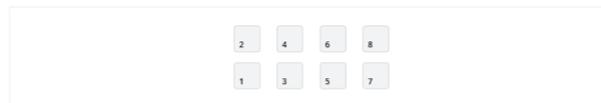
Pro AV

[Configuration](#) Template

Port



LAG



Configured Profiles

Configured Profiles	Template	VLAN ID	IP Address	Num. of Ports	Operation
■ Conf_Room	Video NDIS with Dante.Q-Sys or AES67 audio	22	--	4	  

FIRMWARE VERSION 1.0.15.211

PRODUCT NAME

GWN7801P Pro,
GWN7802P Pro,
GWN7803 Pro, GWN7803PL Pro, GWN7803PH Pro,
GWN7806PH Pro, GWN7806PL Pro

DATE

11/11/2025

FIRMWARE FILE INFORMATION

- GWN7801P/02P/03PH/03PL/03 Pro Firmware file name: gwn780xprofw.bin
MD5 checksum: 6dcf890d01d3e857c42f856d2bfeec0
- GWN 7806PH/PL Pro Firmware file name: gwn7806fw.bin
MD5 checksum: 2f3c77e0b00bd1748e71727d88e29e59

CHANGES/ENHANCEMENT

- This is the initial firmware for GWN780x Pro models.