

GWN PTP 73XX Firmware Release Notes

IMPORTANT UPGRADING NOTE

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FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:

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

[07/07/2026] FIRMWARE VERSION 1.0.5.7

PRODUCT NAME

GWN7302

DATE

07/07/2026

FIRMWARE FILE INFORMATION

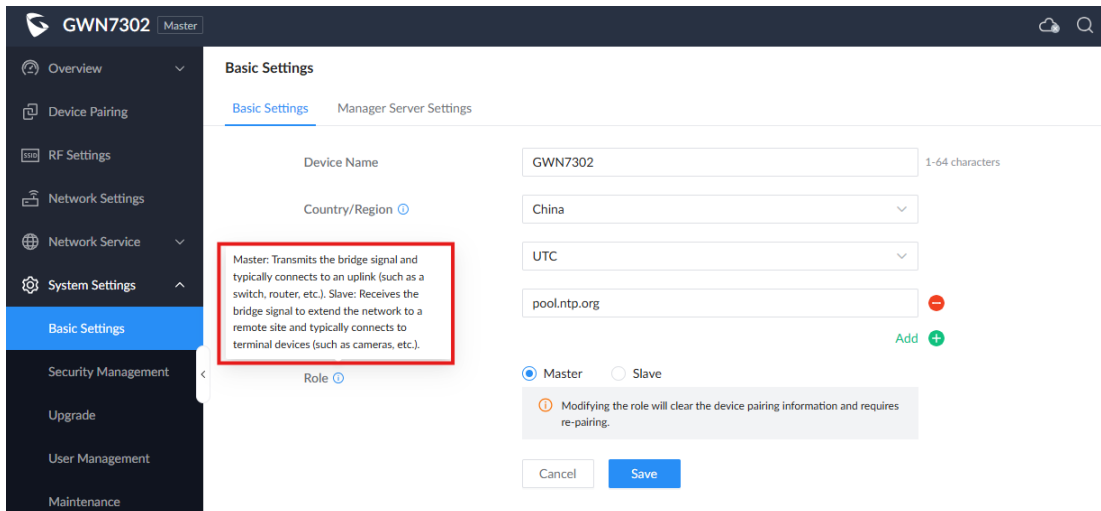
- GWN7302 Firmware file name: gwn7302fw.bin
MD5 checksum: a46954ce644c11367ab0c5810132d893

CHANGES/ENHANCEMENT

- Fixed automatic reconnection of the GWN7302 slave after DFS radar detection.
- Internal bug fixes.

NEW FEATURE OVERVIEW

- Added **Master/Slave role tooltips** to Basic Settings and the Setup Wizard.



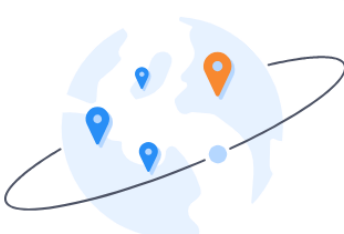
Setup Wizard

Basic Settings
RF Settings
Network Settings

1

Master: Transmits the bridge signal and typically connects to an uplink (such as a switch, router, etc.). Slave: Receives the bridge signal to extend the network to a remote site and typically connects to terminal devices (such as cameras, etc.).

3



Role ⓘ

☒ Master ☐ Slave

ⓘ Modifying the role will clear the device pairing information and requires re-pairing.

Country/Region ⓘ

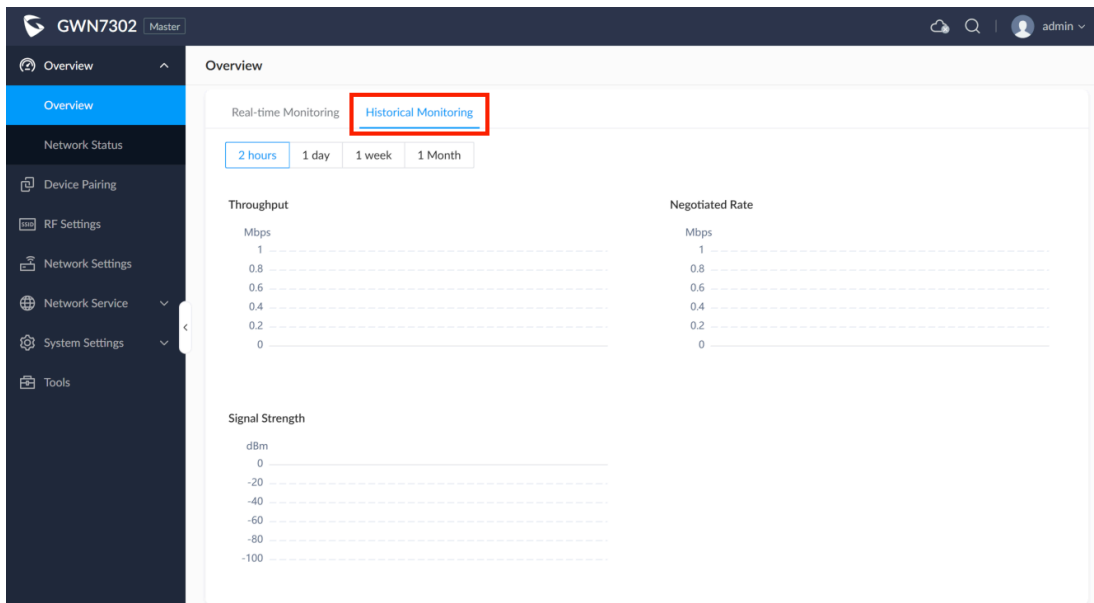
China ▼

Time Zone

UTC ▼

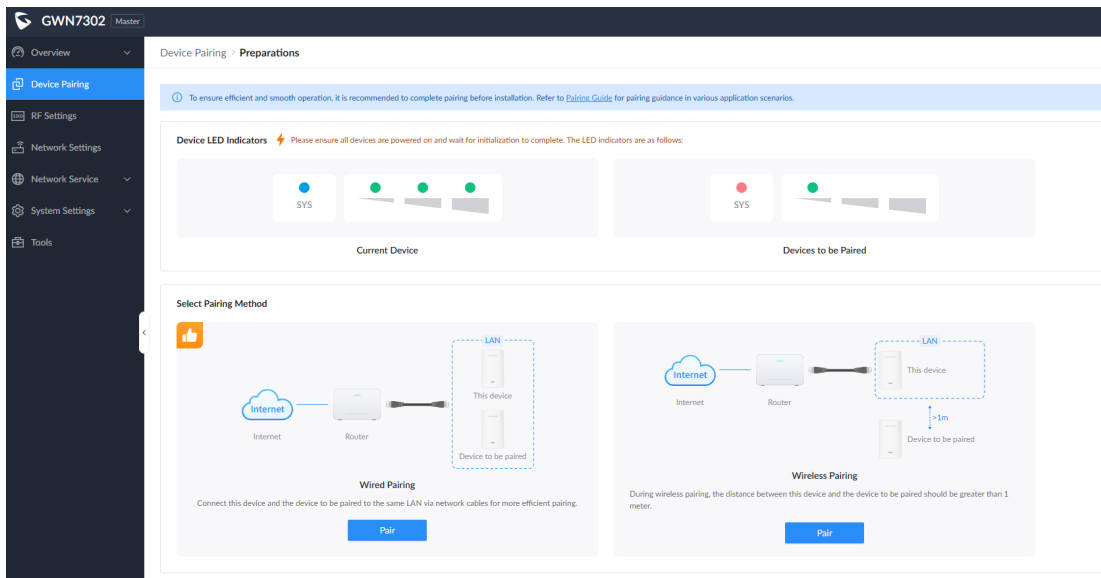
Exit
➤

- Added **Historical Monitoring** to the Overview page.



- Added **wired pairing** and **device takeover** support.
 - Device Pairing now includes guidance for both wired and wireless pairing. Wired pairing has been added as a faster pairing method.
 - If an original Master fails, another Master can take over an already paired Slave.

1. When the new Master and Slave are on the same LAN, open the wired pairing page on the new Master and take over the Slave.
2. When the new Master and Slave are not on the same LAN, first log in to the Slave and change its SSID to match the new Master. Then log in to the new Master and use the wireless pairing page to take over the Slave.



Add Paired Devices



The following devices are found. Please select the device and click the "Add" button below. Add up to 4 devices.

Pairable

Manageable

GWN7302



MAC: EC:74:D7:CB:6D:AE

SSID: Disconnected

IPv4: --

IPv6: --

Rediscovery

Add

- Added **TDMA Switching tooltips** to RF Settings.
 - Static mode: Allocates time slots to all devices.
 - Dynamic mode: Allocates time slots only to devices with data transmission.

If a Slave cannot meet the time slot allocation requirements due to interference or excessive distance, static mode is recommended.

RF Settings

Basic Wi-Fi Settings

The SSID, password, and encryption method of paired devices must match to prevent disconnection.

Connection Mode ? ☐ PTP ☒ PTMP

*SSID 1-32 characters

*SSID Password 8-63 ASCII characters or 8-64 hexadecimal characters

SSID Encryption ☒ WPA2-PSK ☐ WPA3-PSK

Radio

TDMA ? ☒

TDMA Mode ? ☒ Static ☐ Dynamic

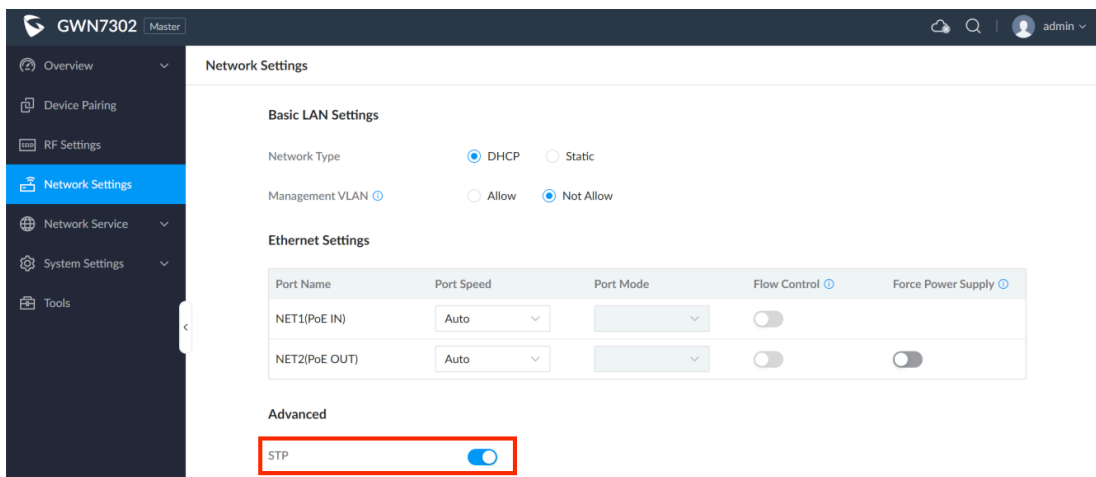
Channel Bandwidth (MHz)

Channel

TX Power (dBm)

CCA Threshold ?

- Added **STP** support in Network Settings.
 - STP is enabled by default to help prevent network loops.



GWN7302 Master admin

Overview | Device Pairing | RF Settings | **Network Settings** | Network Service | System Settings | Tools

Network Settings

Basic LAN Settings

Network Type ☒ DHCP ☐ Static

Management VLAN ? ☐ Allow ☒ Not Allow

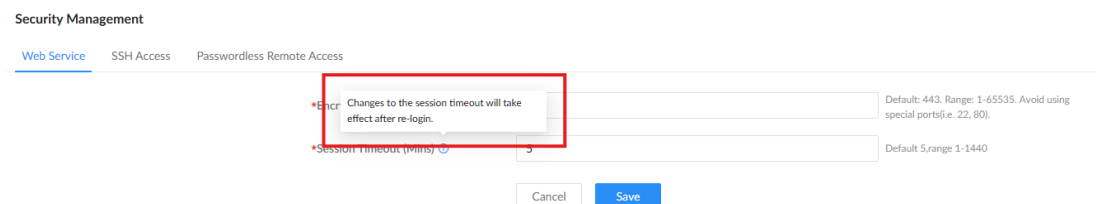
Ethernet Settings

Port Name	Port Speed	Port Mode	Flow Control ?	Force Power Supply ?
NET1(PoE IN)	Auto		☐	☐
NET2(PoE OUT)	Auto		☐	☐

Advanced

STP ☒

- Added **Session Timeout tooltips** in System Settings > Security Management.



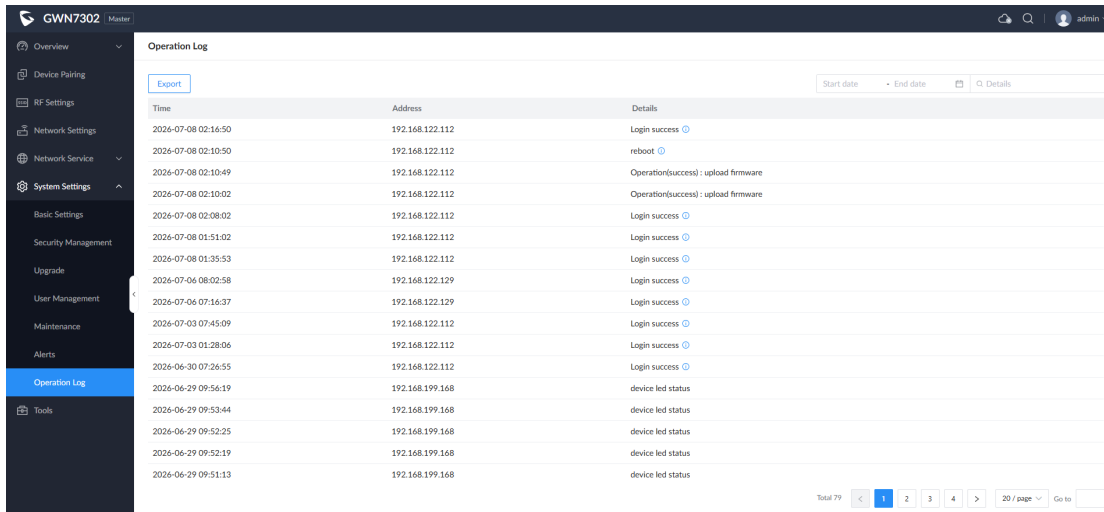
Security Management

Web Service | SSH Access | Passwordless Remote Access

*Encr Changes to the session timeout will take effect after re-login. Default: 443. Range: 1-65535. Avoid using special ports(i.e. 22, 80).

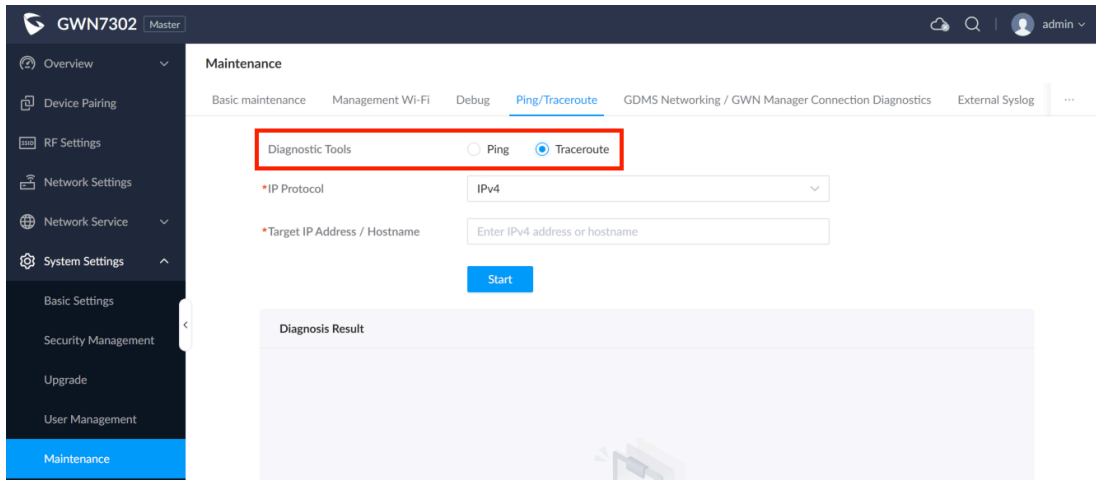
*Session Timeout (mins) ? Default 5, range 1-1440

- Added an **Operation Log**.



Time	Address	Details
2026-07-08 02:16:50	192.168.122.112	Login success
2026-07-08 02:10:50	192.168.122.112	reboot
2026-07-08 02:10:49	192.168.122.112	Operation(success) : upload firmware
2026-07-08 02:10:02	192.168.122.112	Operation(success) : upload firmware
2026-07-08 02:08:02	192.168.122.112	Login success
2026-07-08 01:51:02	192.168.122.112	Login success
2026-07-08 01:35:53	192.168.122.112	Login success
2026-07-06 08:02:58	192.168.122.129	Login success
2026-07-06 07:16:37	192.168.122.129	Login success
2026-07-03 07:45:09	192.168.122.112	Login success
2026-07-03 01:28:06	192.168.122.112	Login success
2026-06-30 07:26:55	192.168.122.112	Login success
2026-06-29 09:56:19	192.168.199.168	device led status
2026-06-29 09:53:44	192.168.199.168	device led status
2026-06-29 09:52:25	192.168.199.168	device led status
2026-06-29 09:52:19	192.168.199.168	device led status
2026-06-29 09:51:13	192.168.199.168	device led status

- Added **Traceroute** to the Diagnostic Tools.



Maintenance

Basic maintenance Management Wi-Fi Debug **Ping/Traceroute** GDMS Networking / GWN Manager Connection Diagnostics External Syslog

Diagnostic Tools ☐ Ping ☒ Traceroute

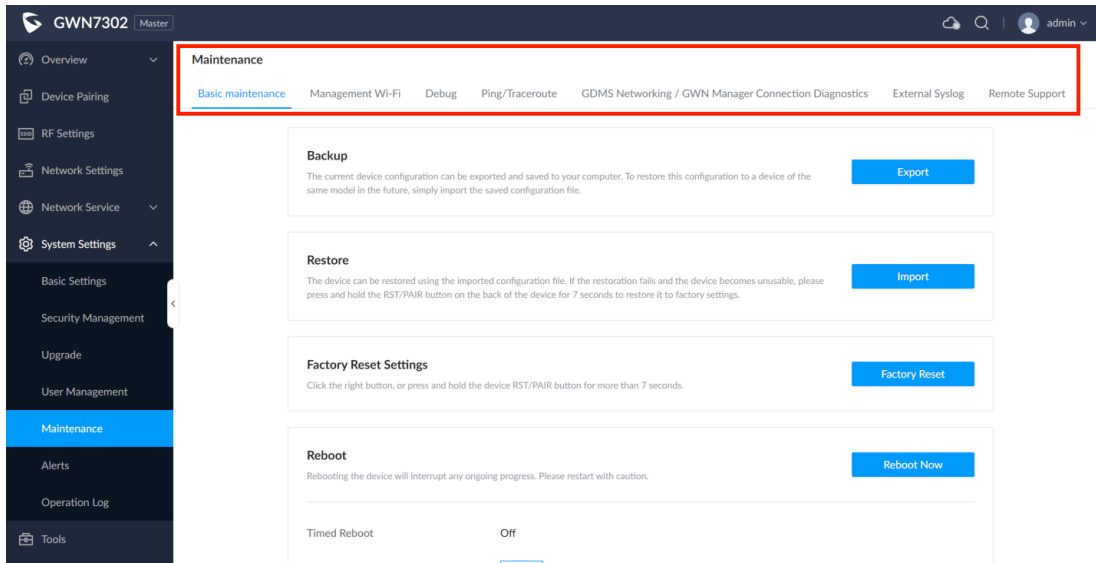
*IP Protocol IPv4

*Target IP Address / Hostname Enter IPv4 address or hostname

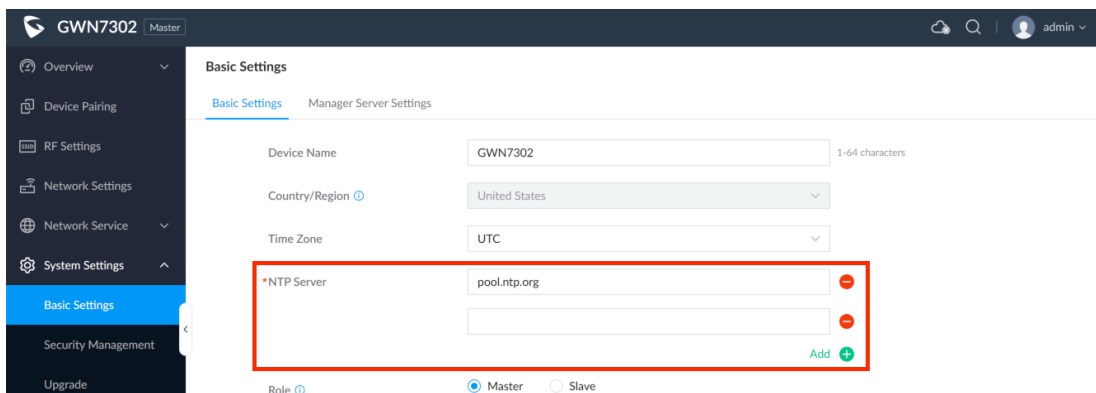
Start

Diagnosis Result

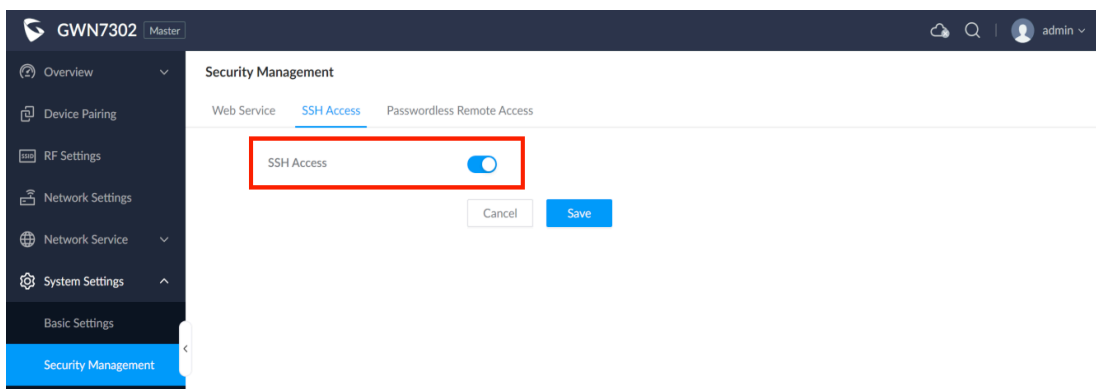
- Updated the **Maintenance** page tab layout.



- Added support for multiple **NTP servers** in the System Settings > Basic Settings.

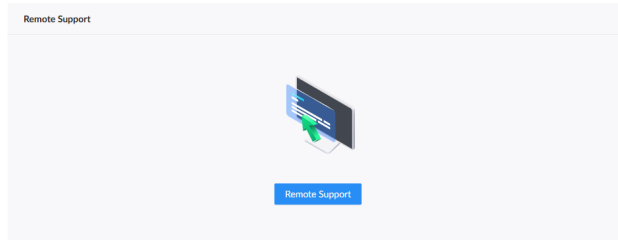


- Updated **Remote SSH** settings.



Maintenance[Basic maintenance](#) [Management Wi-Fi](#) [Debug](#) [Ping/Traceroute](#) [GDMS Networking / GWN Manager Connection Diagnostics](#) [External Syslog](#) [Remote Support](#)

ⓘ When enabled, authorize Grandstream support engineers to temporarily access device diagnostic data, logs, and configuration information. This service is for troubleshooting and maintenance purposes only, and no personal information will be collected. All remote access sessions are fully encrypted, and this feature will be automatically disabled after 48 hours.



- Added Cloud configuration support.
 - The GWN7302 can now be managed through the Cloud, including pairing and configuration. Refer to the Cloud release notes for details.

[04/22/2026] FIRMWARE VERSION 1.0.3.28

PRODUCT NAME

GWN7302

DATE

04/22/2026

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
MD5 checksum: 7243657d9b2433430f3f781dcd8e103d

CHANGES/ENHANCEMENT

- Fixed abnormal behavior on the master's ath0 interface
- Fixed when pressing the button to switch roles, will change the connection mode to PTMP
- Fixed that after partial factory recovery, the device defaults to using the normal channel
- Fixed that after restarting the device, it took ten minutes to automatically configure the country code
- Fixed when modifying basic settings, cleared slave information
- Fixed that after restarting a slave device, the country code will be auto configured twice
- Fixed an exception in ath0 data statistics
- Fixed issue where slave devices upgraded from version 1.0.3.22 to version 1.0.3.23 could not obtain IP addresses
- Fixed throughput monitoring chart showed no data
- Internal bug fixes

[02/11/2026] FIRMWARE VERSION 1.0.3.22

PRODUCT NAME

GWN7302

DATE

02/11/2026

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
MD5 checksum: 7243657d9b2433430f3f781dcd8e103d

CHANGES/ENHANCEMENT

- Internal bug fixes

[12/29/2025] FIRMWARE VERSION 1.0.3.17

PRODUCT NAME

GWN7302

DATE

12/29/2025

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
MD5 checksum: e5210b14af3033c6a2edeef585bb63a3

CHANGES/ENHANCEMENT

- This is the initial release for GWN7302