

GWN7664 / GWN7664LR Firmware Release Notes

IMPORTANT UPGRADING NOTE

Table of Content

IMPORTANT UPGRADING NOTE	1
FIRMWARE FILE DOWNLOAD	5
[09/18/2026] FIRMWARE VERSION 1.0.27.20	6
PRODUCT NAME.....	6
DATE	6
FIRMWARE FILE INFORMATION	6
CHANGES/ENHANCEMENT	6
[02/06/2026] FIRMWARE VERSION 1.0.25.42	7
PRODUCT NAME.....	7
DATE	7
FIRMWARE FILE INFORMATION	7
CHANGES/ENHANCEMENT	7
[08/27/2025] FIRMWARE VERSION 1.0.25.41	8
PRODUCT NAME.....	8
DATE	8
FIRMWARE FILE INFORMATION	8
CHANGES/ENHANCEMENT	8
[01/28/2025] FIRMWARE VERSION 1.0.25.38	9
PRODUCT NAME.....	9
DATE	9
FIRMWARE FILE INFORMATION	9
CHANGES/ENHANCEMENT	9
[09/23/2024] FIRMWARE VERSION 1.0.25.34	10
PRODUCT NAME.....	10
DATE	10
FIRMWARE FILE INFORMATION	10
CHANGES/ENHANCEMENT	10
[06/07/2024] FIRMWARE VERSION 1.0.25.33	11
PRODUCT NAME.....	11
DATE	11
FIRMWARE FILE INFORMATION	11

CHANGES/ENHANCEMENT	11
NEW FEATURE OVERVIEW	11
[05/09/2024] FIRMWARE VERSION 1.0.25.19	12
PRODUCT NAME.....	12
DATE	12
FIRMWARE FILE INFORMATION	12
CHANGES/ENHANCEMENT	12
[02/07/2024] FIRMWARE VERSION 1.0.25.15	13
PRODUCT NAME.....	13
DATE	13
FIRMWARE FILE INFORMATION	13
CHANGES/ENHANCEMENT	13
[09/25/2023] FIRMWARE VERSION 1.0.25.10	14
PRODUCT NAME.....	14
DATE	14
FIRMWARE FILE INFORMATION	14
CHANGES/ENHANCEMENT	14
[07/24/2023] FIRMWARE VERSION 1.0.25.7	15
PRODUCT NAME.....	15
DATE	15
FIRMWARE FILE INFORMATION	15
CHANGES/ENHANCEMENT	15
NEW FEATURE OVERVIEW	16
[05/31/2023] FIRMWARE VERSION 1.0.25.3	17
PRODUCT NAME.....	17
DATE	17
FIRMWARE FILE INFORMATION	17
CHANGES/ENHANCEMENT	17
[05/19/2023] FIRMWARE VERSION 1.0.25.1	18
PRODUCT NAME.....	18
DATE	18
FIRMWARE FILE INFORMATION	18
CHANGES/ENHANCEMENT	18
[02/13/2023] FIRMWARE VERSION 1.0.23.24	19

PRODUCT NAME.....	19
DATE	19
FIRMWARE FILE INFORMATION	19
CHANGES/ENHANCEMENT	19
[09/19/2022] FIRMWARE VERSION 1.0.23.6	20
PRODUCT NAME.....	20
DATE	20
FIRMWARE FILE INFORMATION	20
CHANGES/ENHANCEMENT	20

FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:

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

[09/18/2026] FIRMWARE VERSION 1.0.27.20

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

09/18/2026

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 149b84d41d4d85be1e8fa5e56a6b89aa

CHANGES/ENHANCEMENT

- Added MAC address format configuration for MAC authentication.
- Added System Debug support for Cloud management.
- Added Microsoft 365 authentication support for Captive Portal.
- Added Wi-Fi Extension support.
- Added security version information.
- Optimized One-Key Debug with encryption support and renamed it to System Debug.
- Added packet capture support through the slave AP web interface.
- Added Bluetooth scan reporting for Cloud management.
- Added diagnostic tools (Diagnosis).
- Added a RADIUS NAS ID configuration option.
- Added Fast SSID Creation.
- Added 2.4 GHz and dual-band 2.4 GHz/5 GHz mesh support.
- Optimized RRM scanning.
- Added OWE support.
- Added Easy PSK support.
- Added Network Health monitoring for Cloud management.
- Added IPSG (IP Source Guard).
- Internal bug fixes.

[02/06/2026] FIRMWARE VERSION 1.0.25.42

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

02/06/2026

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 975c51ae3c15a5cc5a9b5089240bd3c1

CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Fixed Israel 5GHz channel issue.
- Fixed throughput issue after STA finished the portal authentication.
- Internal bug fixes.

[08/27/2025] FIRMWARE VERSION 1.0.25.41

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

08/27/2025

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 026181144eaf02b5c06bb4a67aa7fd02

CHANGES/ENHANCEMENT

- Fixed issue where IPv6 traffic was not occasionally tagged.
- Fixed device performance degradation when VLANs are enabled.
- Fixed client disconnection issue due to 802.1X un-authentication failure.
- Fixed tagged traffic handling issue in access mode when DSCP is non-zero.
- Fixed long reconnection time issue after client reconnects to office Wi-Fi AP.
- Internal bug fixes.

[01/28/2025] FIRMWARE VERSION 1.0.25.38

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

01/28/2025

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: ae86b324803bcab136aaa5503be89326

CHANGES/ENHANCEMENT

- Adapted the new Wi-Fi standards in some countries.
- Fixed Norway DNF channels issue.
- Fixed some vulnerability issue.
- Fixed VLAN management related issue.
- Fixed Radius related issue.
- Internal bug fixes.

[09/23/2024] FIRMWARE VERSION 1.0.25.34

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

09/23/2024

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: c968fcd501ea90974b89f178749318dd

CHANGES/ENHANCEMENT

- Fixed device randomly rebooting issue.
- Fixed vulnerabilities issue.
- Internal bug fixes.

[06/07/2024] FIRMWARE VERSION 1.0.25.33

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

06/07/2024

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 2350822ec4535af128e5cfc452888cb4

CHANGES/ENHANCEMENT

- Added support for multi-VLAN Wi-Fi roaming.
- Added WP series device fast configuration support.
- Added support for MAC-Based RADIUS authentication (not supported on GWN7600/GWN7610/GWN7602)
- Added support of OS filtering
- Increased the number of MAC addresses which can be added in the Client isolation.
- Increased Whitelist/Blacklist limit to 1024. (not supported on GWN7600/GWN7610/GWN7602)
- Added L2TPv3 tunnel support. (GWN7660/GWN7661/GWN7662/GWN7664)
- Added GWN anti-theft lock.
- Added LLDP protocol support.
- Added new LED Pattern for uplink down/no network.
- Fixed the unit does not broadcast SSID when added to the GWN Cloud/Manager issue.
- Fixed mesh connection delayed establishment issue.
- Fixed the unit randomly stops sending RADIUS authentication request issue.
- Fixed client randomly lost internet after connected to the AP issue.
- Fixed un-authorized clients can access internet via VPN issue.
- Fixed the devices display no usage when clients are connected and generating traffic issue.
- Fixed AP randomly reboot and generates core panic issue.
- Fixed clients unable to connect to AP unless rebooted issue.
- Fixed APs unable to pass RADIUS attribute 8 issue.
- Fixed devices use wrong MAC on the network issue.
- Internal bug fixes.

NEW FEATURE OVERVIEW

- **New LED Pattern for uplink down/no network.**

This feature is supported on slave AP

- **Blue LED always on:** When slave AP successfully paired.
- **Flashing Purple LED:** When slave AP is disconnected due to no network, when GWN Cloud/Manager, or master device is disconnected.

[05/09/2024] FIRMWARE VERSION 1.0.25.19

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

05/09/2024

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 93ab3a46617f35f81a1b88596efd1297

CHANGES/ENHANCEMENT

- Fixed the issue where non-admin accounts are disabled by default.
- Internal bug fixes.

[02/07/2024] FIRMWARE VERSION 1.0.25.15

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

02/07/2024

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 2704e1d0c46cc8eeea57b45004949bbc

CHANGES/ENHANCEMENT

- Fixed devices display no usage issue.
- Fixed 2.4GHz randomly goes down issue.
- Fixed AP getting high memory usage alert and reboot issue.
- Fixed option 43 SSH representation incomplete issue.
- Fixed devices not able to connect to AP issue.
- Fixed device unable to pass Radius Attribute 8 issue.
- Internal bug fixes.

[09/25/2023] FIRMWARE VERSION 1.0.25.10

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

09/25/2023

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: fa19b76ad61c4201b858e002a3f00adf

CHANGES/ENHANCEMENT

- Added support for Speed Test (Not supported by GWN7610 & GWN7602)
- Internal bug fixes.

[07/24/2023] FIRMWARE VERSION 1.0.25.7

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

07/24/2023

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 555e6f514b72a35d057126a7bdebedd2

CHANGES/ENHANCEMENT

- Increased PPSK profiles.
- Increased the client expiration time to 30 days.
- Added device name in syslog messages.
- Added 80MHz channel width in Indonesia country for the 5G band.
- Added support for timestamp and security signature on the URL redirect.
- Fixed radio configuration about DFS channel does not take effect.
- Fixed slave AP automatically factory reset when transferring to the Manager.
- Fixed obscured characters from the schedule name.
- Modified the countermeasure prompt.
- Fixed terminal VLAN ID and downlink PVID intercepts issue when they are different.
- Fixed GWN menu "Error received: -16".
- Fixed the network card status switches multiple times after first pairing.
- Fixed client not getting any IP when the configured VLAN ID is set to 2.
- Fixed RE slow issue when connected to it, also fixed the RE disconnected issue when acquiring IP.
- Fixed physical port VLAN tag does not work issue.
- Fixed wrong LED test light status issue.
- Fixed 5G TX power test failed issue.
- Fixed AP CPU temperature consistently displays as 20°C issue.
- Fixed "5G channel automatically switched from 6 to 161" prompt issue when switching SSID from dual to 5G.
- Fixed not receiving alarm notification after changing alarm setting frequently.
- Fixed AP not responding to cloud after receiving the distributed configuration.
- Fixed the alert settings "AP channel automatically switched" should not contain channel 0 issue.
- Fixed the password authenticate fails when set above 11 digits.
- Fixed DHCP relay feature unusable when switched the primary device.
- Fixed the voucher status displayed issue.
- Fixed unable to kick out the terminal connected to slave issue.
- Fixed the LED light turns on too slow issue after powering up.
- Fixed AP keeps rebooting when there are too many SSIDs in the environment.

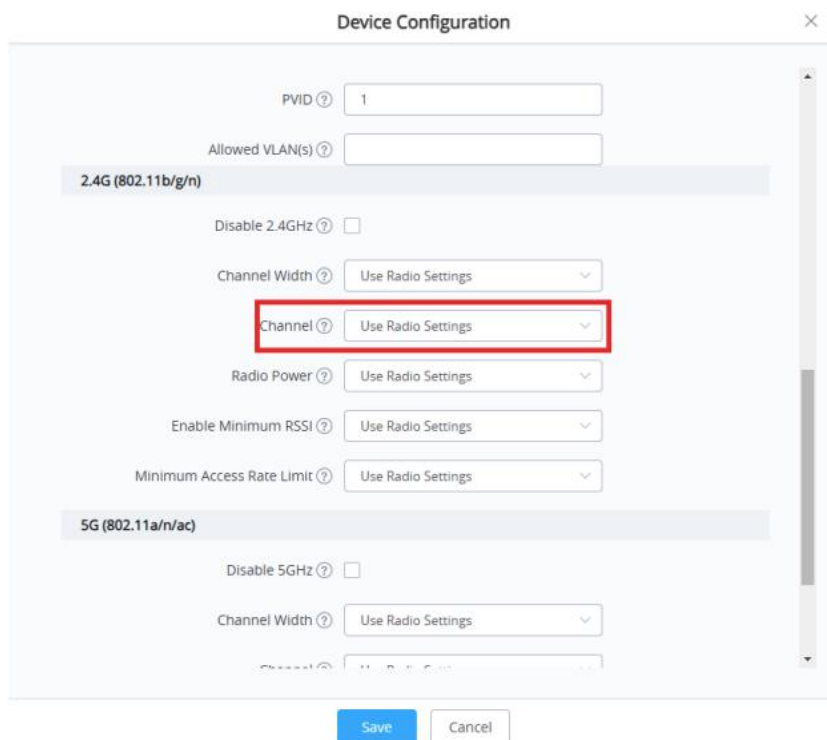
- Fixed slave AP reboot and generate panic core issue.
- Fixed network loop occurs issue.
- Fixed secondary channel set lower than main channel but still displayed wrong in the AP channel list issue.
- Fixed devices automatically reboot when associated with 2.4G band.
- Fixed devices crash after receiving the configuration from the cloud.
- Fixed “Error” prompt when acquiring logs after adding devices onto cloud.
- Fixed Honeywell thermostats not connecting issue.
- Fixed the wireless device cannot obtain IP address issue when enabling DHCP service.

NEW FEATURE OVERVIEW

- **Added support for custom Channel on 2.4G band.**

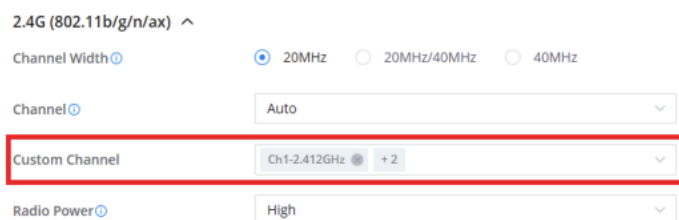
This feature will allow admins to customize the desired channel on the 2.4G band.

Web UI: Access Points → Configuration → Device Configuration



The screenshot shows the 'Device Configuration' window. Under the '2.4G (802.11b/g/n)' section, the 'Channel' dropdown menu is highlighted with a red box. The dropdown currently shows 'Use Radio Settings'. Other settings visible include PVID (1), Allowed VLAN(s), Disable 2.4GHz (unchecked), Channel Width (Use Radio Settings), Radio Power (Use Radio Settings), Enable Minimum RSSI (Use Radio Settings), and Minimum Access Rate Limit (Use Radio Settings). The 5G section is also visible below.

On GWN Cloud: Settings → Wi-Fi → Global Radio Settings → 2.4G



The screenshot shows the '2.4G (802.11b/g/n/ax)' settings page. The 'Channel' dropdown is set to 'Auto'. Below it, the 'Custom Channel' option is highlighted with a red box, showing 'Ch1-2.412GHz' and '+2'. Other settings include Channel Width (20MHz selected), Radio Power (High), and a 'Channel' dropdown set to 'Auto'.

[05/31/2023] FIRMWARE VERSION 1.0.25.3

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

05/31/2023

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 1df6bb2931daf98c54b48509b8009498

CHANGES/ENHANCEMENT

- Fixed an issue causing MESH network instability on 1.0.25.1.
- Internal bug fixes.

[05/19/2023] FIRMWARE VERSION 1.0.25.1

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

05/19/2023

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 4ffdbbf22c9a749c45247e3e83bcd1b8

CHANGES/ENHANCEMENT

- Added support of IPv6 ND defense.
- Added support of ARP defense.
- Added support of disabling ethernet port.
- Added support of switching RF timer.
- Added support of DHCP relay and option82.
- Added support of web packet capture saving to local PC.
- Added support of trunk/access mode for NET/PoE port.
- Added support of External syslog protocol selection.
- Added support of Captive Portal - Active Directory Auth (LDAP).
- Added support of Captive Portal - kickout timeout unauthenticated clients.
- Added support of Captive Portal - Daily access limit by auth method.
- Added support of collecting logs by MAC.
- Optimized client steering.
- Internal bug fixes.

[02/13/2023] FIRMWARE VERSION 1.0.23.24

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

02/13/2023

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 8409fb972afb962cf26d08d5fd956ddd

CHANGES/ENHANCEMENT

- Fixed an issue that GWN7664 generated panic core and randomly rebooted.
- Fixed an issue of AP free memory calculation.
- Internal bug fixes.

[09/19/2022] FIRMWARE VERSION 1.0.23.6

PRODUCT NAME

GWN7664 / GWN7664LR

DATE

09/19/2022

FIRMWARE FILE INFORMATION

- GWN7664 / GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: b11cbe2146f32a869240fec7a9667966

CHANGES/ENHANCEMENT

- Fixed an SSH security bug.