GWN7664E(LR) 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

[11/02/2026] FIRMWARE VERSION 1.0.27.20

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

11/02/2026

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: caaa5e9585e7037e00db8642885d5253

CHANGES/ENHANCEMENT

- Internal bug fixes.

[09/18/2026] FIRMWARE VERSION 1.0.27.19

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

09/18/2026

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: ebed071961ca838c264fba933794525d

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).
- Expanded PPSK support to up to 1,000 keys.
- Internal bug fixes.

[08/19/2026] FIRMWARE VERSION 1.0.27.17 (BETA ONLY)

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

08/19/2026

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: d8dba4dbb126ac2285c3aaa3239ca0bc

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.
- Added a RADIUS NAS ID configuration option.
- Added Fast SSID Creation.
- Added 2.4 GHz and dual-band 2.4 GHz/5GHz mesh support.
- Optimized RRM scanning.
- Added NAT support for the LAN port on GWN7661E.
- Added OWE support.
- Added Easy PSK support.
- Added IPSG (IP Source Guard)
- Added Power Input Mode for GWN7661E
- Expanded PPSK support to up to 1,000 keys.
- Fixed connectivity with OLT devices using the VSOL V2801-F connector.
- Fixed intermittent SSID broadcast interruptions that required a reboot to recover.
- Fixed missing VLAN tagging when forwarding WLAN packets from an SSID.
- Security Updates.
- Internal bug fixes.

[06/18/2026] FIRMWARE VERSION 1.0.27.6 (BETA ONLY)

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

06/18/2026

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: f9474cb56da2270979c04a26a33d5397

CHANGES/ENHANCEMENT

- Fixed an issue where IPv6 Router Advertisements were not isolated on dynamic VLAN or PPSK SSIDs.
- Fixed an issue where the AP web interface displayed the previous IPv6 address after a LAN configuration change.
- Fixed wireless client communication issues on GWN7665.
- Fixed an issue with MAC-based RADIUS authentication.
- Fixed an issue where IPv6 traffic was occasionally sent without tagging.
- Fixed an issue where changes to the RADIUS accounting update interval did not take effect.
- Fixed an issue where the device LED remained blinking blue and the device was not provisioned.
- Fixed an issue where GWN7664LR devices could randomly generate panic core files after upgrading to version 1.0.25.41.
- Fixed a Captive Portal v2 bypass issue when using Psiphon VPN.
- 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.
- 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 on GWN7670 and GWN7672.
- Added Power Input Mode for GWN7602/7603/7604/7661/7661E/7624.

- Expanded PPSK support to up to 1,000 keys.
- Internal bug fixes.

[02/13/2026] FIRMWARE VERSION 1.0.25.46

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

02/13/2026

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: 1d04ebeb098ab1e8fef6ecad39594a51

CHANGES/ENHANCEMENT

- Updated security version.
- Internal bug fixes.

[08/27/2025] FIRMWARE VERSION 1.0.25.42

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

08/27/2025

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: c98c73b4363d42dc6a4d721b669691b6

CHANGES/ENHANCEMENT

- Fixed issue where IPv6 traffic was not occasionally tagged.
- Fixed 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 1.0.25.39

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

01/28/2025

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: 1f28913ce5960ffbb739134b004cb7d4

CHANGES/ENHANCEMENT

- Adapted the new Wi-Fi standards in some countries.
- Fixed Captive Portal user authentication issue with Microsoft Azure.
- Fixed SFP port not working when Ethernet port does not have link issue.
- Internal bug fixes.

[10/01/2024] FIRMWARE VERSION 1.0.25.34

PRODUCT NAME

GWN7664E / GWN7664ELR

DATE

10/01/2024

FIRMWARE FILE INFORMATION

- GWN7664E / GWN7664ELR Firmware file name: gwn7664efw.bin
  MD5 checksum: cfb6e080105f33d2fcb2f741e02c855c

CHANGES/ENHANCEMENT

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