

## GWN76xx Firmware Release Notes

### IMPORTANT UPGRADING NOTE

- [9/26/2022] 1.0.23.14 for GWN7624 and GWN7625 has been released to fix the same SSH security bug in 9/19/2022 releases. Affected models are highly suggested to upgrade to the latest firmware.
- [9/19/2022] 1.0.23.6 for GWN7600/7600LR/7610/7660/7660LR/7664/7664LR and 1.0.23.13 for GWN7630/7630LR/7605/7605LR/7615 has been released. An SSH security bug has been fixed since this version. Affected models are highly suggested to upgrade to the latest firmware.

## Table of Content

<b>IMPORTANT UPGRADING NOTE .....</b>	<b>1</b>
<b>FIRMWARE FILE DOWNLOAD .....</b>	<b>7</b>
<b>[02/13/2026] FIRMWARE VERSION 1.0.25.46 .....</b>	<b>8</b>
PRODUCT NAME.....	8
DATE .....	8
FIRMWARE FILE INFORMATION .....	8
CHANGES/ENHANCEMENT .....	8
<b>[02/06/2026] FIRMWARE VERSION 1.0.25.45 .....</b>	<b>9</b>
PRODUCT NAME.....	9
DATE .....	9
FIRMWARE FILE INFORMATION .....	9
CHANGES/ENHANCEMENT .....	9
<b>[02/06/2026] FIRMWARE VERSION 1.0.25.12 .....</b>	<b>10</b>
PRODUCT NAME.....	10
DATE .....	10
FIRMWARE FILE INFORMATION .....	10
CHANGES/ENHANCEMENT .....	10
<b>[02/06/2026] FIRMWARE VERSION 1.0.25.43 .....</b>	<b>11</b>
PRODUCT NAME.....	11
DATE .....	11
FIRMWARE FILE INFORMATION .....	11
CHANGES/ENHANCEMENT .....	11
<b>[02/06/2026] FIRMWARE VERSION 1.0.25.15 .....</b>	<b>12</b>
PRODUCT NAME.....	12
DATE .....	12
FIRMWARE FILE INFORMATION .....	12
CHANGES/ENHANCEMENT .....	12
<b>[ 02/06/2026] FIRMWARE VERSION 1.0.25.42 .....</b>	<b>13</b>
PRODUCT NAME.....	13
DATE .....	13
FIRMWARE FILE INFORMATION .....	13

CHANGES/ENHANCEMENT .....	13
<b>[02/06/2026] FIRMWARE VERSION 1.0.25.43 .....</b>	<b>14</b>
PRODUCT NAME.....	14
DATE .....	14
FIRMWARE FILE INFORMATION .....	14
CHANGES/ENHANCEMENT .....	14
<b>[02/06/2026] FIRMWARE VERSION 1.0.25.14 .....</b>	<b>15</b>
PRODUCT NAME.....	15
DATE .....	15
FIRMWARE FILE INFORMATION .....	15
CHANGES/ENHANCEMENT .....	15
<b>[01/23/2026] FIRMWARE VERSION 1.0.25.7 .....</b>	<b>16</b>
PRODUCT NAME.....	16
DATE .....	16
FIRMWARE FILE INFORMATION .....	16
CHANGES/ENHANCEMENT .....	16
<b>[12/02/2025] FIRMWARE VERSION 1.0.27.6 .....</b>	<b>17</b>
PRODUCT NAME.....	17
DATE .....	17
FIRMWARE FILE INFORMATION .....	17
CHANGES/ENHANCEMENT .....	17
<b>[08/28/2025] FIRMWARE VERSION 1.0.25.13 .....</b>	<b>18</b>
PRODUCT NAME.....	18
DATE .....	18
FIRMWARE FILE INFORMATION .....	18
CHANGES/ENHANCEMENT .....	18
<b>[08/27/2025] FIRMWARE VERSION 1.0.25.42 .....</b>	<b>19</b>
PRODUCT NAME.....	19
DATE .....	19
FIRMWARE FILE INFORMATION .....	19
CHANGES/ENHANCEMENT .....	19
<b>[08/27/2025] FIRMWARE VERSION 1.0.25.41 .....</b>	<b>20</b>
PRODUCT NAME.....	20
DATE .....	20

FIRMWARE FILE INFORMATION .....	20
CHANGES/ENHANCEMENT .....	20
<b>[08/15/2025] FIRMWARE VERSION 1.0.25.42 .....</b>	<b>21</b>
PRODUCT NAME.....	21
DATE .....	21
FIRMWARE FILE INFORMATION .....	21
CHANGES/ENHANCEMENT .....	21
<b>[08/11/2025] FIRMWARE VERSION 1.0.25.10.....</b>	<b>22</b>
PRODUCT NAME.....	22
DATE .....	22
FIRMWARE FILE INFORMATION .....	22
CHANGES/ENHANCEMENT .....	22
<b>[05/09/2025] FIRMWARE VERSION 1.0.25.8 .....</b>	<b>23</b>
PRODUCT NAME.....	23
DATE .....	23
FIRMWARE FILE INFORMATION .....	23
CHANGES/ENHANCEMENT .....	23
<b>[01/30/2025] FIRMWARE VERSION 1.0.25.8 .....</b>	<b>24</b>
PRODUCT NAME.....	24
DATE .....	24
FIRMWARE FILE INFORMATION .....	24
CHANGES/ENHANCEMENT .....	24
<b>[01/28/2025] FIRMWARE VERSION 1.0.25.39 .....</b>	<b>25</b>
PRODUCT NAME.....	25
DATE .....	25
FIRMWARE FILE INFORMATION .....	25
CHANGES/ENHANCEMENT .....	25
<b>[01/28/2025] FIRMWARE VERSION 1.0.25.38 .....</b>	<b>26</b>
PRODUCT NAME.....	26
DATE .....	26
FIRMWARE FILE INFORMATION .....	26
CHANGES/ENHANCEMENT .....	26
<b>[10/1/2024] FIRMWARE VERSION 1.0.25.34 .....</b>	<b>27</b>
PRODUCT NAME.....	27

DATE .....	27
FIRMWARE FILE INFORMATION .....	27
CHANGES/ENHANCEMENT .....	27
<b>[09/23/2024] FIRMWARE VERSION 1.0.25.34 .....</b>	<b>28</b>
PRODUCT NAME.....	28
DATE .....	28
FIRMWARE FILE INFORMATION .....	28
CHANGES/ENHANCEMENT .....	28
<b>[6/26/2024] FIRMWARE VERSION 1.0.25.3 .....</b>	<b>29</b>
PRODUCT NAME.....	29
DATE .....	29
FIRMWARE FILE INFORMATION .....	29
CHANGES/ENHANCEMENT .....	29
<b>[6/25/2024] FIRMWARE VERSION 1.0.25.2 .....</b>	<b>30</b>
PRODUCT NAME.....	30
DATE .....	30
FIRMWARE FILE INFORMATION .....	30
CHANGES/ENHANCEMENT .....	30
<b>[06/07/2024] FIRMWARE VERSION 1.0.25.33 .....</b>	<b>31</b>
PRODUCT NAME.....	31
DATE .....	31
FIRMWARE FILE INFORMATION .....	31
CHANGES/ENHANCEMENT .....	31
NEW FEATURE OVERVIEW .....	32
<b>[05/09/2024] FIRMWARE VERSION 1.0.25.19 .....</b>	<b>33</b>
PRODUCT NAME.....	33
DATE .....	33
FIRMWARE FILE INFORMATION .....	33
CHANGES/ENHANCEMENT .....	33
<b>[04/05/2024] FIRMWARE VERSION 1.0.25.18 .....</b>	<b>34</b>
PRODUCT NAME.....	34
DATE .....	34
FIRMWARE FILE INFORMATION .....	34
CHANGES/ENHANCEMENT .....	34
NEW FEATURE OVERVIEW .....	34

**[04/01/2024] FIRMWARE VERSION 1.0.25.2 ..... 36**

PRODUCT NAME.....	36
DATE .....	36
FIRMWARE FILE INFORMATION .....	36
CHANGES/ENHANCEMENT .....	36

**[02/07/2024] FIRMWARE VERSION 1.0.25.15 ..... 37**

PRODUCT NAME.....	37
DATE .....	37
FIRMWARE FILE INFORMATION .....	37
CHANGES/ENHANCEMENT .....	37

## FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:

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

## [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.

## [02/06/2026] FIRMWARE VERSION 1.0.25.45

### PRODUCT NAME

GWN7660E

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin  
MD5 checksum: ad2c74420644175d1f971d1273b2fc2f

### CHANGES/ENHANCEMENT

- Updated security version.
- Internal bug fixes.

## [02/06/2026] FIRMWARE VERSION 1.0.25.12

### PRODUCT NAME

GWN7661E / GWN7604

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7661E Firmware file name: gwn7661efw.bin  
MD5 checksum: df447231aaec0279e8cdc4d657e7d8d8
- GWN7604 Firmware file name: gwn7604fw.bin  
MD5 checksum: cf4c3902419cace2705f40efec5fe3fb

### CHANGES/ENHANCEMENT

- Updated security version.
- Internal bug fixes.

## [02/06/2026] FIRMWARE VERSION 1.0.25.43

### PRODUCT NAME

GWN7660ELR / GWN7665 / GWN7603

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7660ELR Firmware file name: gwn7660elfw.bin  
MD5 checksum: 3c845b677e78c8d3b8b494c394b5a692
- GWN7665 Firmware file name: gwn7665fw.bin  
MD5 checksum: 4fc08c9319f6ebb6d11dc1c30a91a845
- GWN7603 Firmware file name: gwn7603fw.bin  
MD5 checksum: 2d2abb69026695c4981a98697f405360

### CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Internal bug fixes.

## [02/06/2026] FIRMWARE VERSION 1.0.25.15

### PRODUCT NAME

GWN7672

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7672 Firmware file name: gwn7672fw.bin  
MD5 checksum: bfb31e81513bbf352205672ad3b55e7d

### CHANGES/ENHANCEMENT

- Updated security version.
- Internal bug fixes.

## [ 02/06/2026 ] FIRMWARE VERSION 1.0.25.42

### PRODUCT NAME

GWN7660(LR) / 7661 / 7662 / 7664(LR) / 7630(LR) / 7615 / 7624 / 7625

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7615 Firmware file name: gwn7615fw.bin  
MD5 checksum: 89e56daa7b6c9c4b4c74539ac2c375b2
- GWN7624 Firmware file name: gwn7624fw.bin  
MD5 checksum: 085adaa7d1cb1d28edafc3a7efc961ea
- GWN7625 Firmware file name: gwn7625fw.bin  
MD5 checksum: f73dfa9efc8ebb0e12685e4f53c0d446
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin  
MD5 checksum: 59b1feb1b1e96ed83b174eeaf4b66cc5
- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: d1f7e598af8776e9b699853ec21911d8
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: db6f8d558e60cabc3884e40c30d767f5
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: 7dd19b62acb58754a50d993e77af10e1
- 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.

## [02/06/2026] FIRMWARE VERSION 1.0.25.43

### PRODUCT NAME

GWN7605 / GWN7605LR

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin  
MD5 checksum: e4856888df4ec7c4b5e729118999d3e6

### CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Fixed RADIUS dynamic VLAN assignment not working issue.
- Fixed NET port type configured on cloud not syncing to device issue.
- Internal bug fixes.

## [02/06/2026] FIRMWARE VERSION 1.0.25.14

### PRODUCT NAME

GWN7670 / GWN7670WM / GWN7670LR

### DATE

02/06/2026

### FIRMWARE FILE INFORMATION

- GWN7670/GWN7670WM/GWN7670LR Firmware file name: gwn7670fw.bin  
MD5 checksum: edb1936b6681faeeb8321009cf5e0553

### CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed link speed display wrong on cloud issue.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Internal bug fixes.

## [01/23/2026] FIRMWARE VERSION 1.0.25.7

### PRODUCT NAME

GWN7660EM

### DATE

01/23/2026

### FIRMWARE FILE INFORMATION

- GWN7674 Firmware file name: gwn7660emfw.bin  
MD5 checksum: 53d403cb72a83f443ff405bc824796cf

### CHANGES/ENHANCEMENT

- This is the initial release for GWN7660EM

## [12/02/2025] FIRMWARE VERSION 1.0.27.6

### PRODUCT NAME

GWN7674

### DATE

12/02/2025

### FIRMWARE FILE INFORMATION

- GWN7674 Firmware file name: gwn7674fw.bin  
MD5 checksum: b40c162a6a85f5083a3cb8782e47d0a0

### CHANGES/ENHANCEMENT

- This is the initial release for GWN7674

## [08/28/2025] FIRMWARE VERSION 1.0.25.13

### PRODUCT NAME

GWN7670 / GWN7670WM / GWN7672

### DATE

08/28/2025

### FIRMWARE FILE INFORMATION

- GWN7670/GWN7670WM Firmware file name: gwn7670fw.bin  
MD5 checksum: bb8c74a955abb8fdec51368adf2fbb27
- GWN7672 Firmware file name: gwn7672fw.bin  
MD5 checksum: e27ba27542efe50f85a95b4fcea6449a

### CHANGES/ENHANCEMENT

- Internal bug fixes

## [08/27/2025] FIRMWARE VERSION 1.0.25.42

### PRODUCT NAME

GWN7664E / GWN7664ELR / GWN7665 / GWN7603 / GWN7605 / GWN7605LR

### DATE

08/27/2025

### FIRMWARE FILE INFORMATION

- GWN7664E/GWN7664ELR Firmware file name: gwn7664efw.bin  
MD5 checksum: c98c73b4363d42dc6a4d721b669691b6
- GWN7665 Firmware file name: gwn7665fw.bin  
MD5 checksum: bfce4c54ecd9230300900ca21d4ed837
- GWN7603 Firmware file name: gwn7603fw.bin  
MD5 checksum: 9d51d53ab244b37db47b60a4ba5afd2d
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin  
MD5 checksum: 6a0d176593a0ab85e66eb67ac99d8058

### 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

## [08/27/2025] FIRMWARE VERSION 1.0.25.41

### PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7615 / GWN7624 / GWN7625

### DATE

08/27/2025

### FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: 785c3b759387247686f0f2e8a6d5b108
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: a783039611d218066541d3960bbfcc87
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: 2948a7e6ea8f461d91d39d298d8a8898
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin  
MD5 checksum: 026181144eaf02b5c06bb4a67aa7fd02
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin  
MD5 checksum: 624d1ddd79ea66da2744bf9622bbc15a
- GWN7615 Firmware file name: gwn7615fw.bin  
MD5 checksum: de5a2524f72e13add03a9f91f02a78a7
- GWN7624 Firmware file name: gwn7624fw.bin  
MD5 checksum: 90d6f86aa983e3e15dfa80d44a133243
- GWN7625 Firmware file name: gwn7625fw.bin  
MD5 checksum: c144e42c9c48f1737f68cf13db88db4b

### 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

## [08/15/2025] FIRMWARE VERSION 1.0.25.42

### PRODUCT NAME

GWN7660E / GWN7660ELR

### DATE

08/15/2025

### FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin  
MD5 checksum: 3a62a55113566d7ffad820a3b9ae389d
- GWN7660ELR Firmware file name: gwn7660elrhw.bin  
MD5 checksum: 91cc882fe11923f20a9ec7d79f9a1095

### 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

## [08/11/2025] FIRMWARE VERSION 1.0.25.10

### PRODUCT NAME

GWN7604 / GWN7661E

### DATE

08/11/2025

### FIRMWARE FILE INFORMATION

- GWN7604 Firmware file name: gwn7604fw.bin  
MD5 checksum: d3e19a0f0207b5754e94647dbd374795
- GWN7661E Firmware file name: gwn7661efw.bin  
MD5 checksum: dc656a0f2c582179bfed1e71c04ed400

### CHANGES/ENHANCEMENT

- Added DFS interface support for Thailand.
- Added Network Security Certification for EU RED 3.3.
- Fixed the tagged traffic handling issue with non-zero DSCP values.
- Fixed disconnect issue caused by abnormal multicast packets.
- Internal bug fixes

## [05/09/2025] FIRMWARE VERSION 1.0.25.8

### PRODUCT NAME

GWN7604 / GWN7661E

### DATE

05/09/2025

### FIRMWARE FILE INFORMATION

- GWN7604 Firmware file name: gwn7604fw.bin  
MD5 checksum: d73b57107128cce73e85cf0cc175ad5d
- GWN7661E Firmware file name: gwn7661efw.bin  
MD5 checksum: 4c0f808344fe57240f9d37d85a01ad44

### CHANGES/ENHANCEMENT

- Fixed when management VLAN is set to value above 999, clients connected to SSID with Client IP Assignment=NAT unable to access internet issue.
- Fixed the issue on Captive Portal User Authentication with Microsoft Azure
- Allowed Norway channels
- Fixed RADIUS account and attribute issues.
- Fixed the phone rebooting after the pmksa expires issue.
- Internal bug fixes

## [01/30/2025] FIRMWARE VERSION 1.0.25.8

### **PRODUCT NAME**

GWN7670

### **DATE**

01/30/2025

### **FIRMWARE FILE INFORMATION**

- GWN7670 Firmware file name: gwn7670fw.bin  
MD5 checksum: 3d1b8c0e017733d1033f2609f7e6f349

### **CHANGES/ENHANCEMENT**

- This is the initial release for GWN7670

## [01/28/2025] FIRMWARE VERSION 1.0.25.39

### PRODUCT NAME

GWN7660E / GWN7660ELR / GWN7664E / GWN7664ELR

### DATE

01/28/2025

### FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin  
MD5 checksum: f54af77bb1bb918cb2e91a505923b0e3
- GWN7660ELR Firmware file name: gwn7660elfw.bin  
MD5 checksum: fef77ec4e45c20fc096ccc7540f44ed4
- 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

## [01/28/2025] FIRMWARE VERSION 1.0.25.38

### PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7605 / GWN7605LR / GWN7615

### DATE

01/28/2025

### FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: 6b8440c298c7e35449b1ce423190388b
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: 70fc6987ed5a896ac70e6ed9b31110d8
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: 5561a8cfd3f845c173fab18e3c1a6a59
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin  
MD5 checksum: ae86b324803bcab136aaa5503be89326
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin  
MD5 checksum: cc76fb0e7b6e65cc7127d88f99596b1d
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin  
MD5 checksum: 209da2bc2373dfbeff88062771a5fa36
- GWN7615 Firmware file name: gwn7615fw.bin  
MD5 checksum: 026413b201000346c9602cc47cb80a05

### 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

## [10/1/2024] FIRMWARE VERSION 1.0.25.34

### PRODUCT NAME

GWN7660E / GWN7660ELR / GWN7664E / GWN7664ELR / GWN7665 / GWN7603

### DATE

10/1/2024

### FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin  
MD5 checksum: 8f6f4be145d7a3f911f4a431764c42ec
- GWN7660ELR Firmware file name: gwn7660elrfw.bin  
MD5 checksum: 2ef32a9a24d77b1dc63b6ce185266b76
- GWN7603 Firmware file name: gwn7603fw.bin  
MD5 checksum: ff678ec7e0c3eb2235da45611eee501f
- GWN7664E/GWN7664ELR Firmware file name: gwn7664efw.bin  
MD5 checksum: cfb6e080105f33d2fcb2f741e02c855c
- GWN7665 Firmware file name: gwn7665fw.bin  
MD5 checksum: 499a035009843fa773a225737aca5fd8

### CHANGES/ENHANCEMENT

- Fixed device randomly rebooting issue.
- Internal bug fixes

## [09/23/2024] FIRMWARE VERSION 1.0.25.34

### PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7605 / GWN7605LR / GWN7615 / GWN7624 / GWN7625

### DATE

09/23/2024

### FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: 79c246d8b908aae18bc76bbc54235c0f
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: 7b32bcbc3fae1c92b3c03bec61a233b6
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: dabf47915eddc20e668f3b6665e9ed54
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin  
MD5 checksum: c968fcd501ea90974b89f178749318dd
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin  
MD5 checksum: b4d5dbd4daf994f45a83eae1c2838300
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin  
MD5 checksum: 806a07c8bda8e2a5b0ddcc9534c819d5
- GWN7615 Firmware file name: gwn7615fw.bin  
MD5 checksum: 096a90c60a8dbfa02f24b35404a63ce8
- GWN7624 Firmware file name: gwn7624fw.bin  
MD5 checksum: 3f4df75541c9b173a886d302459b4382
- GWN7625 Firmware file name: gwn7625fw.bin  
MD5 checksum: f26c569069989dd70ce9aa70d0b90563

### CHANGES/ENHANCEMENT

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

## [6/26/2024] FIRMWARE VERSION 1.0.25.3

### PRODUCT NAME

GWN7660E

### DATE

06/26/2024

### FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin  
MD5 checksum: 7fc170f6e0dbeb674bbf42d102e63882

### CHANGES/ENHANCEMENT

- This is the initial release for GWN7660E

## [6/25/2024] FIRMWARE VERSION 1.0.25.2

### PRODUCT NAME

GWN7660ELR

### DATE

06/25/2024

### FIRMWARE FILE INFORMATION

- GWN7660ELR Firmware file name: gwn7660elfw.bin  
MD5 checksum: b802e925bc4c63455df593a96266e231

### CHANGES/ENHANCEMENT

- This is the initial release for GWN7660ELR

## [06/07/2024] FIRMWARE VERSION 1.0.25.33

### PRODUCT NAME

GWN7600 / GWN7600LR / GWN7610 / GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7602 / GWN7605 / GWN7605LR / GWN7615 / GWN7624 / GWN7625

### DATE

06/07/2024

### FIRMWARE FILE INFORMATION

- GWN7600/GWN7600LR Firmware file name: gwn7600fw.bin  
MD5 checksum: 2626d225865942a945aff5176e5980b7
- GWN7610 Firmware file name: gwn7610fw.bin  
MD5 checksum: 31db915a45b524b3486dd6014fa7fb71
- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: 3f69581b7807433a60025d49328af854
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: b93ac12bc592ffb425d3ac34e702c4ea
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: 29f43b8e1f545cbbab2e0d1d7b8a6f7e
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin  
MD5 checksum: 2350822ec4535af128e5cfc452888cb4
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin  
MD5 checksum: 0777f07e38e7ec288d583922441b7385
- GWN7602 Firmware file name: gwn7602fw.bin  
MD5 checksum: abcf2f1b8d5e22bb0742a5e5bb7beb18
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin  
MD5 checksum: 827038fe04aeb7ca168fb5acecbfcd3a
- GWN7615 Firmware file name: gwn7615fw.bin  
MD5 checksum: cddc73653f36a5e689bc7cc2fc2ce5e8
- GWN7624 Firmware file name: gwn7624fw.bin  
MD5 checksum: a7e860137cdcd050208cc7622f2ad550
- GWN7625 Firmware file name: gwn7625fw.bin  
MD5 checksum: 63bf31b6e1035e258a30a9e632dcca8f

### 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

GWN7600 / GWN7600LR / GWN7610 / GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7602 / GWN7605 / GWN7605LR / GWN7615 / GWN7624 / GWN7625

### DATE

05/09/2024

### FIRMWARE FILE INFORMATION

- GWN7600/GWN7600LR Firmware file name: gwn7600fw.bin  
MD5 checksum: 443d43ab18ab65c4cbe1f9bb5b048356
- GWN7610 Firmware file name: gwn7610fw.bin  
MD5 checksum: 18c8e351bb6d32e651083d20b45284da
- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: 5e247d6f105f949c7e5bc04d58d74b91
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: d0960c228a1a62a64f7c1eaa953135d1
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: 00139e2044033e09b1a9e723401491dd
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin  
MD5 checksum: 93ab3a46617f35f81a1b88596efd1297
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin  
MD5 checksum: 3c13c9309732b545e3200115864bb197
- GWN7602 Firmware file name: gwn7602fw.bin  
MD5 checksum: 70a0c864840a7a001616490e2816dbfd
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin  
MD5 checksum: 4b58d9f0d665b4c156849986dbf30b4d
- GWN7615 Firmware file name: gwn7615fw.bin  
MD5 checksum: da2f47eb2c036a14c633c8646d10f9e1
- GWN7624 Firmware file name: gwn7624fw.bin  
MD5 checksum: 804c70d5c75f3d4a873efe1d80735aa0
- GWN7625 Firmware file name: gwn7625fw.bin  
MD5 checksum: 7c12926c792331ed018dfdb3185cc456

### CHANGES/ENHANCEMENT

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

# [04/05/2024] FIRMWARE VERSION 1.0.25.18

## PRODUCT NAME

GWN7660/GWN7660LR

## DATE

04/05/2024

## FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: f23b95b7d462491390bdc773b841719e

## CHANGES/ENHANCEMENT

- Added **L2TPv3** tunnel support
- Internal bug fixes

## NEW FEATURE OVERVIEW

- **Added L2TPv3 tunnel support.**

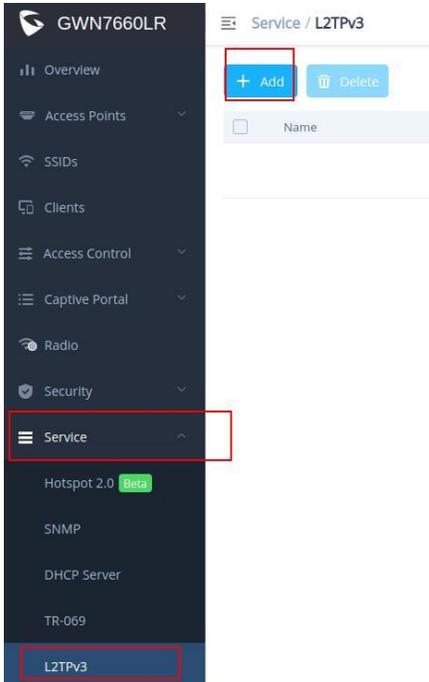
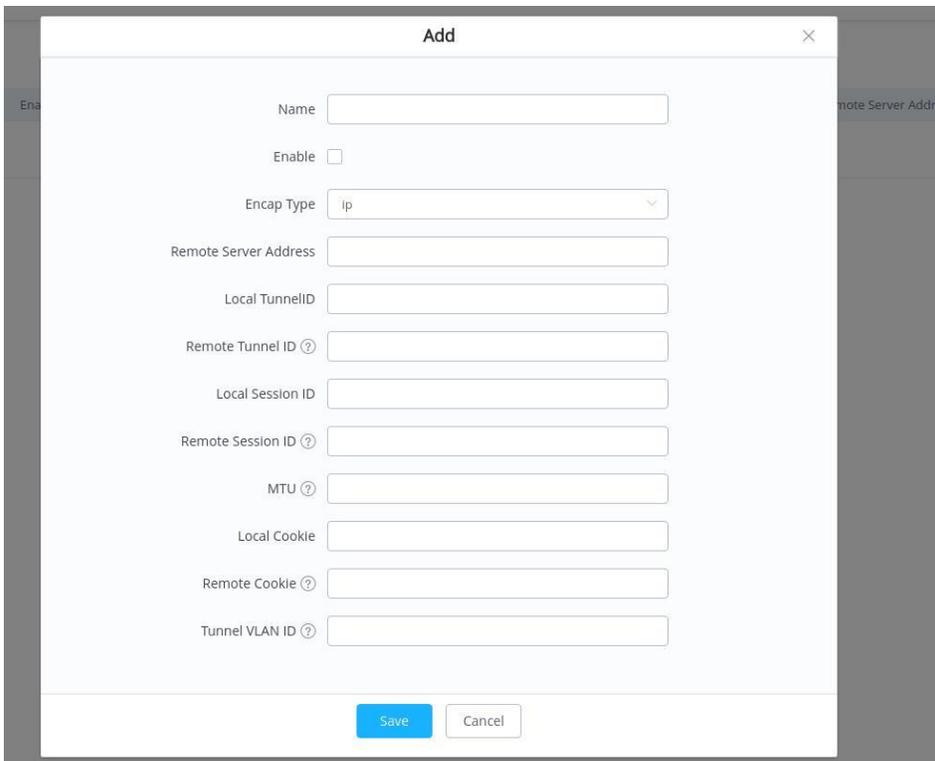
This feature will allow admins to enable and configure L2TPv3 on the device. Please refer to the screenshots and options below.

Note: It is best to set the MTU to match the server to avoid network connectivity issues.

- **Name:** Set the name of the tunnel.
- **Encap Type:** Set the encapsulation type of the tunnel. Valid values for encapsulation are: UDP, IP.
- **Remote Server Address:** Set the IP address of the remote peer.
- **Local Tunnel ID:** Set the tunnel id, which is a 32-bit integer value. This uniquely identifies the tunnel.
- **Remote Tunnel ID:** Set the peer tunnel id, which is a 32-bit integer value assigned to the tunnel by the peer.
- **Local Session ID:** Set the session id, which is a 32-bit integer value. This uniquely identifies the session being created. The value used must match the peer\_session\_id value being used at the peer.
- **Remote Session ID:** Set the peer session id, which is a 32-bit integer value assigned to the session by the peer. The value used must match the session\_id value being used at the peer.
- **Local Cookie:** Set an optional cookie value to be assigned to the session. This is a 4 or 8 byte value, specified as 8 or 16 hex digits, e.g. 014d3636deadbeef. The value must match the peer\_cookie value set at the peer. The cookie value is carried in L2TP data packets and is checked for expected value at the peer. Default setting is no cookie used.
- **Remote Cookie:** Set an optional peer cookie value to be assigned to the session. This is a 4 or 8 byte value, specified as 8 or 16 hex digits, e.g. 014d3636deadbeef. The value must match the cookie value

set at the peer. It tells the local system what cookie value to expect to find in received L2TP packets. Default is no cookie used.

- **Tunnel VLAN ID:** The tunnel ID must be set in SSID, and make sure that SSID only has the AP(s) who enabled L2TPv3.

The 'Add' dialog box contains the following fields and controls:

- Name:
- Enable:
- Encap Type:
- Remote Server Address:
- Local TunnelID:
- Remote Tunnel ID <sup>?</sup>:
- Local Session ID:
- Remote Session ID <sup>?</sup>:
- MTU <sup>?</sup>:
- Local Cookie:
- Remote Cookie <sup>?</sup>:
- Tunnel VLAN ID <sup>?</sup>:

At the bottom of the dialog are 'Save' and 'Cancel' buttons.

## [04/01/2024] FIRMWARE VERSION 1.0.25.2

### PRODUCT NAME

GWN7603

### DATE

04/01/2024

### FIRMWARE FILE INFORMATION

- GWN7603 Firmware file name: gwn7603fw.bin  
MD5 checksum: 6dbb60516b13575561f3b840ae84b5c0

### CHANGES/ENHANCEMENT

- This is the initial release for GWN7603.

## [02/07/2024] FIRMWARE VERSION 1.0.25.15

### PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR

### DATE

02/07/2024

### FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin  
MD5 checksum: b9f7596cc0e58ecc1a6b4c30e85de6dd
- GWN7661 Firmware file name: gwn7661fw.bin  
MD5 checksum: d15de4296c58fcc969f6e50d4994c73e
- GWN7662 Firmware file name: gwn7662fw.bin  
MD5 checksum: b2695161b701306b379836018c4a7427
- 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