



Firmware Version: 4.3.1.3
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Revision History and System Requirement:

| Firmware Version | Date | Model | Hardware Version |
|-------------------|-------------|--------------------------------|------------------|
| Runtime: V4.3.1.3 | 29-May-2014 | DWS-3160-24PC DWS-3160-24TC | A1, A2 |
| Runtime: V4.2.0.7 | 14-Jun-2012 | DWS-3160-24PC DWS-3160-24TC | A1, A2 |
| Runtime: V4.1.0.2 | 14-Jun-2012 | DWS-3160-24PC DWS-3160-24TC | A1, A2 |

New Features:

| Firmware Version | New Features |
|------------------|---|
| V4.3.1.3 | <ul style="list-style-type: none"> ● Support DWL-8610AP ● Radio scheduler ● Enhanced auto RF algorithm |
| V4.2.0.7 | <ul style="list-style-type: none"> ● Add support for DWL-2600AP ● Add RIPv1/v2 support ● Additional RADIUS attributes supported [HQ20121107000016] |
| V4.1.0.2 | <ul style="list-style-type: none"> ● Numbering scheme change. In order to align the firmware version number with that of the UAPs, it is decided that the FW version would following the convention of other DWS/DWL products. The firmware naming convention dictates that so long as the first three digits of the firmware on both the UAP and DWS-3160 match, they would interoperate without issue. ● To make the RMA process more streamlined, the console command to wipe DLMS licenses from the DWS-3160 has been moved from R&D mode to user mode. This means RMA personnel would not have to enter series of complicated commands to accomplish this task. This command is hidden and isn't documented on manuals or other official documents. Only engineers and RMA personnel would have knowledge of this command. This behavior is consistent with other D-Link switches that utilize DLMS model upgrade. |

Problems Fixed:

| Firmware Version | Problems Fixed |
|------------------|---|
| V.4.3.1.3. | <ol style="list-style-type: none"> 1. SSH vulnerability [HQ2012217000014] 2. SSL certification upload issue [DEUR20121219000001] 3. Frequent restart issue [DI20120926000008] 4. Client cannot get on the Internet [DEUR20120613000002] 5. Device WebUI & captive portal unresponsive from time to time [HQ20121224000008] 6. WEP issue which is related to the case [HQ20130401000012] 7. Managed AP recognized as rogue AP [HQ20130411000009] 8. HTTP/HTTPS server unresponsive [HQ20130422000020] 9. APs with "F0" in the last two digit of its MAC address cannot be properly managed. [HQ20130312000003] 10. RF scan status [DI20130411000005] 11. WEP key disappears when the device is rebooted. [DEUR20130503000005] 12. DWL-3600AP shown as rogue AP [DEUR20130514000003] 13. SSID password has non-standard character after configuration file is uploaded via TFTP [HQ20130617000014] 14. Unstable to add static route on Web GUI. [DEUR20130618000001] 15. Captive portal configuration via webGUI is faulty [DRU20130709000006] 16. Random reboot [DLA20130425000004] 17. Dynamic VLAN assignment with MAC authentication [DI20130819000003] 18. Voice VLAN & DHCP relay issue [DEUR20140207000006 – from DGS-3420] 19. Netbook not working properly [DI20140212000003] 20. Device doesn't sync AP profile in cluster [DI20140221000003] 21. Network visualization setting [DI20140404000008] 22. Random reboot [DI20140411000001] 23. Support SPACE character in WPA-PSK string [DI20140312000005] 24. Scheduler mode defect [HQ20140128000006] 25. RF power synchronization issue [DI20140502000009] 26. Serial port setting defect [DI20140422000003] |

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|-----------|--|
| | <p>27. Incorrect associated client information [HQ20140408000002]</p> <p>28. Known client name vanishing [DRU20140409000003]</p> |
| V.4.2.0.7 | <p>1. One may not set the channel width to 40MHz if country code is set to Spain (ES) [HQ20120702000001]</p> |
| V.4.1.0.2 | <p>2. SD card compatibility issue. Prior to this release, it is found that the SD card slot on the DWS-3160 accepts a very narrow range of SD cards. This has been greatly improved with 4.1.0.2.</p> <p>3. In the previous release, DWL-3600APs may be discovered by DWS-3160, but all network traffic through the APs are dropped.</p> <p>4. Users with valid DLMS activation codes fail to activate the upgrade license. [HQ20120604000013]</p> |
| V1.00.038 | Initial release |

Known Issues:

| Firmware Version | Issues |
|-------------------------|--------------------------------------|
| V4.1.0.2 | 1. No known issue with this release. |
| V1.00.038 | Initial release |

Related Documentation:

- DWS-3160 Manual
- DWS-3160 CLI Manual