



Firmware Version: V4.7.2.9
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Revision History and System Requirement:

FW Version	Date	Model	HW	MD5 CHECKSUM
V4.7.2.9	07-Feb-2020	DWL-7620AP	A1	7da13e2f9815e0cb78c84d88b8f93611

New Features:

Firmware Version	New Features
V4.7.2.9	<ol style="list-style-type: none"> 1. WPA3 2. Default Password change <p>Note: Due to memory partition reconstruct, after upgrading to v4.7.2.9:</p> <ul style="list-style-type: none"> a. System will reset to factory default. b. Downgrade to v4.7.2.6 or lower version is not allowed. c. Load lower version config file is not allowed.
4.7.2.5	<ol style="list-style-type: none"> 1. Support WDS without security. 2. Support IP & MAC address ACL under managed mode. 3. Support DHCP offer/ACK to Unicast function. 4. Support QoS Bandwidth Control. 5. Support Wireless Multicast Forwarding. 6. Support Management IPv6. 7. Support Load Balancing. 8. Support Airtime Fairness. Enable/Disable button is also available. 9. Support D-Link Discovery Protocol (DDP) so that the DWL-X620AP can be discovered and managed by D-Link Network Assistant (DNA). 10. Enhancement to skip manually factory reset while firmware upgrade. <p>For example:</p> <ul style="list-style-type: none"> V4.7.0.9 > V4.7.2.5, manually reset system to factory default is needed. V4.7.2.5 > to any version onwards, no factory reset needed. V4.7.2.5 > V4.7.0.9 (or lower version), manually reset system to factory default is needed.
4.7.0.9	Initial Release

Problems Fixed:

Firmware	Problems Fixed

Version	
V4.7.2.9	<ol style="list-style-type: none"> 1. DI20190205000001/ DI20190306000002 WMF issues. 2. DI20190205000002/ DI20190306000005 Multicast to Unicast feature does not change the destination MAC address from multicast packets to unicast address. 3. DI20190220000003/ DI20190311000011 AP reloads configuration when AP loses management session, and it caused wireless client disconnection. 4. DI20190227000004/ DI20190315000002 WLAN utilization 0% issue. 5. DI20190226000005/ HQ20190304000011 All parameters in WMM/WME IE becomes 0 after DWC-2k manages DWL-6620APS. 6. DI20190516000003 /HQ20190528000011 Showing Radar status info on controller. 7. DI20190219000008/ HQ20190223000009 Basic rate issue. 8. Roaming issue on DWL-6620APS/7620AP. When wireless client roams from AP1 to AP2, after wireless client connects to AP1 again, wireless client can't access Internet.
V4.7.2.5	<ol style="list-style-type: none"> 01. Fix Bug: Managed Mode - after Controller reboot, AP doesn't do CP again 02. Fix Bug: Accept Item (DKP1810013-0084) - CLI - set show the error message (VBG19010632) 03. Fix Bug: Accept Item (DKP1810013-0093) - Events has smart antenna message (VBG19010623) 04. Fix Bug: Accept Item (DKP1810013-0050) - Managed Mode - DUT UI cannot get the force roaming setting from DWC-2000 (VBG19010588) 05. Fix Bug: Accept Item (DKP1810013-0116) - Managed Mode - Band Steer setting doesn't copy to UI (VBG19010618) 06. Fix Bug: CLI - Incorrect Radio wlan ID 07. Fix Bug: tx-power default value is incorrect 08. Fix Bug: U-APSD doesn't work on Managed Mode and Standalone Mode 09. Fix Bug: DI20190207000003/ HQ20190213000012 [DWL-6620APS] Beacon Interval became 200 msec if the number of SSID is 9 or more (#60042) 10. Fix Bug: DNA (D-Link Network Assistant) not work, firmware upgrade part 11. Fix Bug: LAN crash after receiving special ipv6 packet 12. Fix Bug: DI20190207000001 [DWL-6620APS] There is no Radius Fail Through feature (#60051) 13. Fix Bug: CLI - "set system led off" doesn't turn off WiFi LED 14. Fix Bug: LED Off doesn't turn off WiFi LED

	<ul style="list-style-type: none"> 15. Fix Bug: CLI name should use Web UI Hostname 16. Fix Bug: Standalone - Incorrect ATF string 17. Hide Multicast to Unicast function 18. DI20190207000003/ HQ20190213000012 [DWL-6620APS] Beacon Interval became 200 msec if the number of SSID is 9 or more (#60042) 19. Fix Bug: Japan Domain fail to change channel (HQ20180906000008) (Mantis ID:0057993) 20. Fix Bug: UI accepts invalid Subnet Mask and Gateway (HQ20180709000005) (Mantis ID:0057245) 21. Fix: Enable the DFS function of JP domain (HQ20180705000002) 22. Fix Bug: Managed Mode - VLAN + Captive Portal not work (HQ20180711000010) (Mantis ID: 0056637)
4.7.0.9	N/A

Known Issues:

Firmware Version	Issues
V4.7.2.9	<ul style="list-style-type: none"> 1. Dynamic VLAN is not working.
V4.7.2.5	<p>[DTrack cases]</p> <ul style="list-style-type: none"> 1. DI20190205000001/ HQ20190218000005 (Wireless multicast forwarding) (#60090) 2. DI20190205000002/ HQ20190214000002 Multicast to Unicast feature does not change the destination MAC address from multicast packets to unicast address (#60054) (Hidden via GUI on v4720.) 3. DI20190214000005/ HQ20190304000027 [DWL-6620APS] DFS changes the channel to W56 when AP booted up with W56 channel, even if other Auto Eligible channels on W53 are not blocked (#60283) 4. DI20190220000003/ HQ20190223000010 [DWC-2000/DWL-6600AP] AP reloads configuration when AP loses management session, and it caused wireless client disconnection (#60279) 5. DI20190227000004/ HQ20190304000015 WLAN utilization 0% issue 6. DI20190226000005/ HQ20190304000011 all parameters in WMM/WME IE becomes 0 after DWC-2k manages DWL-6620APS

CLI Commands

Command	Action
get managed-ap	Get information about switches that can discover and manage the AP.
get management	View the following information about the management interface on the AP: <ul style="list-style-type: none"> • VLAN ID • Interface name • Static IP address (if DHCP is not used) • Static subnet mask • IP address • Subnet mask • MAC address • DHCP status
get management dhcp-status	View the connection type.
set management dhcp-status on	Use DHCP as the connection type.
set management dhcp-status off	Use Static IP as the connection type.
get management static-ip	View the static IP address.
get management static-mask	View the subnet address.
get management vlan-id	View management VLAN ID.
set management vlan-id 1~4094	Set management VLAN ID.
reboot	Reboot the system.
factory-reset	Return to factory default setting.
get system led	View system LED status. Status 1: Turned on. Status 0: Turn off.
set system led on	Turn on system LED.
set system led off	Turn off all system LED.
save-running	After setting command, need to type the command <i>save-running</i> to and then <i>reboot</i> to make the setting effective.