



**Firmware Version:** 3.21rc166

**Published Date:** 2009/7/3

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## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
v3.21rc165	2009/7/2	DWL-7700AP	B1,B2,C1
V3.20rc156	2008/8/18	DWL-7700AP	B1,B2,C1

## Upgrading Instructions:

### Upgrading by using Web-UI

1. Connect a work station to the LAN port of Access Point.
2. Open the web browser of work station and entering the IP address of the AP. The system default IP address is 192.168.0.50.
3. Enter administrator's username and password, user name is "admin" and leave the password blank by default.  
To update the AP's firmware, click **Tool > Firmware and SSL Certification Upload**.

## New Features:

Fireware Version	New Features
V3.21	<ol style="list-style-type: none"> <li>1. Add the new flash chip support</li> </ol>
V3.20	<ol style="list-style-type: none"> <li>1. Add Administration VLAN feature</li> <li>2. Add Primary SSID with VLAN tag.</li> <li>3. Add Secondary (backup) Radius Server for WPA (2) Enterprise settings.</li> <li>4. Support Priority by SSID.</li> <li>5. Support Microsoft NAP feature.</li> <li>6. Support IGMP snooping v1/v2.</li> <li>7. Add Rogue AP detection function.</li> <li>8. Support Acct-Interim-Interval attribute for accounting function.</li> <li>9. Add system and wireless sub trap group. User can also enable or disable the</li> </ol>

	<p>trap categorization.</p> <ol style="list-style-type: none"> <li>10. Support to administrate AP with WLAN (Default enable).</li> <li>11. Support four management IP range.</li> <li>12. Add CLI command to input SNMP Location.</li> <li>13. Add Ping control setting.</li> <li>14. Add WMM control on each MSSID.</li> <li>15. Support AP Manager II v2.</li> <li>16. Support MSSID over WDS.</li> <li>17. Support IAPP.</li> <li>18. Add wireless station linkup and link down trap.</li> </ol>
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## Changes of MIB & D-View Module:

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None

## Problems Fixed:

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Firmware Version	Problems Fixed
V3.21	None
V3.20	<ol style="list-style-type: none"> <li>1. User will fail to login to the management web UI via IE 7.0 if silverlight was installed.</li> <li>2. MSSID will be modified if primary SSID security is set to 802.1x.</li> <li>3. When change primary SSID settings, sometimes MSSID will also be changed.</li> </ol>

## Known Issues:

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Firmware Version	Known Issues
V3.21	None
V3.20	None

## Related Documentation:

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- DWL-7700AP User Manual v3.20