

Software Name: **AWK-5222 Series Firmware**

Version No.	Build Code	Supported OS	Apply to (full model name)	New Feature(s)	Change(s)	Enhancement(s)	Bug(s) Fixed	Additional Note(s)
1.9	14120413	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	N/A	1. ETSI EN 300 328 Certification Update from v1.7.1 to v1.8.1	N/A	N/A	N/A
1.8	14092614	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	<ol style="list-style-type: none"> <li>Web UI supports https protocol for Microsoft Internet Explorer 7 and later versions.</li> <li>Web UI supports to set web auto-logout idle time.</li> <li>AP-related modes support to show more client information (MAC, time, RSSI, TX, RX).</li> <li>Wireless client/slave mode supports Turbo Roaming parameters to control roaming behavior.</li> <li>Channel supports U-NII Upper band for -US model (channel 149, 153, 157, 161, 165).</li> <li>Support customizable default configuration.</li> <li>AP supports EAP-SIM.</li> <li>Support numerical index for SNMP table (wireless status, client list, DHCP client list).</li> </ol>	<ol style="list-style-type: none"> <li>Exported configuration file contains encrypted password.</li> <li>site_survey.asp of Web UI shows AP RSSI.</li> <li>Link fault passthrough only executed in wireless Slave + Disable mode.</li> <li>In Wireless Redundancy mode of Web UI, some description is changed in WLAN2's WLAN Security Settings.</li> <li>Wireless status page of Web UI is changed (AP/Master mode: hide non-used items).</li> <li>Allow two RFs with the same SSID in wireless AP/Master/Wireless Redundancy modes.</li> <li>Relay ack table of SNMP use numerical index to replace OCTEL STRING index.</li> <li>Change wireless transmission power unit of Web UI to dBm.</li> <li>DHCP server lease time is changed from days to minutes.</li> </ol>	<ol style="list-style-type: none"> <li>Enhance PLC compatibility.</li> </ol>	<ol style="list-style-type: none"> <li>Device name cannot support character ' on Web UI.</li> <li>AWK Search Utility shows wrong 802.11 info.</li> <li>VLAN issue on LAN port.</li> <li>Relay cannot detect LAN status.</li> <li>The device will hang in process of bootup when ABC-01 with error configuration.</li> <li>Sometimes device save restart will hang on.</li> <li>lldpctl cannot show WLAN lldp information.</li> <li>NTP client does not synchronize with NTP server.</li> </ol>	N/A
1.7	11102114	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	N/A	N/A	N/A	<ol style="list-style-type: none"> <li>Fixed flash write failure case ( we prevent firmware from downgrading to older versions ).</li> <li>Add RSSI and TX rate information for AWK Search Utility.</li> </ol>	N/A
1.6	11071214	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	Support AWK-5222-M12 model ( Downgrading firmware earlier than V1.6 on these this model is not allowed )			<ol style="list-style-type: none"> <li>Memory leak on receiving packets</li> <li>Memory leak issue on web/telnet management packets</li> <li>WPA Authentication fail while PVID of AP is different from MVID</li> <li>Wrong URL redirection on clicking "Click Restart to active new settings" logo while AWK is behind NAT and accessed through port forwarding</li> </ol>	

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1.5	10090618	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	1. Support remote SNMP management.	N/A	N/A	1. AWK fails to boot up if all 18 multiple SSIDs are enabled with WPA security mode 2. AWK sends incorrect trap event "Port0 Link Down" after power on if LAN port is link off, or operation mode is Client or Slave 3. AWK Search Utility error occurs if host PC and AWK are connected via router 4. AWK reboot itself when dealing with long UDP broadcast packets with UDP port filter is enabled	N/A
1.4	10080518	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	1. Provide multiple SSID information in wireless status. 2. Support link fault pass-through in Redeundant client/Slave+Disable mode. 3. Support configuration import/export with ABC-01. 4. Support VLAN tagged on Master, Slave, Redundant AP and Redundant client mode.	1. Remove password-related configs from private MIB. 2. Change SNMP MIB indexes and hide unused columns of wlanClientListTable, dhcpClientListTable, and wirelessStatusTable.	1. Enlarge size of client site survey result up to 80 APs	1. Some VLAN setting will cause same VLAN member can not communicate with each other 2. When usign WPA/WPA2 security mode, Client may not able to connect to reachable target AP if there are too many APs in the enviroment 3. Relay status won't recover when LAN ON/OFF event is clear 4. Can not set sysContact, sysName, sysLocation via standard SNMPv2-MIB ( <Note> Require save config to flash manually ) 5. Some wireless clients failed to connect to Moxa AP if SSID broadcast is disabled 6. Deauthenticate STAs in power saving mode without keep alive 7. Web crashes on too many config conflict messages 8. Connection malfunction on AP/Master mode after applying site survey	N/A
1.3	10030200	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	1. Turbo Roaming mode to support faster roaming. 2. Support roaming in Redundancy mode. 3. Multiple SSID function. 4. VLAN function. 5. WMM function. 6. Full private MIB support. 7. Send SNMP trap when a client joined or left an AP. 8. PPPoE support.		1. Show dBm value for signal strength.	1. Redundant client reboots when WPA/WPA2 shared key of Redundant AP and Redundant client mismatches.	

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1.2	09121101	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	1. Support 200mW power control.	N/A	N/A	1. Support console cable does not cross DCD to DSR. 2. RSTP topology change does not propagate to other ports.	N/A
1.1	09072302	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	1. Add "Noise Protection" to "Advanced Wireless Settings" page of web console.	1. Extend "Transmission distance" range from 10 km to 11 km in "Advanced Wireless Settings" page of web console.	N/A	1. Boot up failed if DIN1 is on. 2. Data transmission may be abnormal in Wireless Redundancy mode.	N/A
1.0	09062313	N/A	AWK-5222-US, AWK-5222-EU, AWK-5222-US-T, AWK-5222-EU-T AWK-5222-M12-US, AWK-5222-M12-EU AWK-5222-M12-US-T, AWK-5222-M12-EU-T	First Release.	N/A	N/A	N/A	N/A