



Product Release Note

Software Name: AWK-3131-M12-RCC 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)
V1.6	Build 17090816	N/A	AWK-3131-M12-RCC-US AWK-3131-M12-RCC-US-T AWK-3131-M12-RCC-US-CT AWK-3131-M12-RCC-US-CT-T AWK-3131-M12-RCC-EU AWK-3131-M12-RCC-EU-T AWK-3131-M12-RCC-EU-CT AWK-3131-M12-RCC-EU-CT-T AWK-3131-M12-RCC-JP AWK-3131-M12-RCC-JP-T AWK-3131-M12-RCC-JP-CT AWK-3131-M12-RCC-JP-CT-T	1. [Web] Cookie is generated for each login. 2. [Web] After sending out web page, web server only allows one person to send the data back to avoid CSRF (Cross-Site Request Forgery) Vulnerability. 3. [Web] When changing password, alert user to use HTTPS. 4. [Web] Encrypt the password, before transferring it. 5. [Wireless Search Utility] Encrypt the data between the device and Wireless Search Utility.	1. Removes the backdoor account. 2. [Web] Login denied if device detect CSRF (Cross-Site Request Forgery) request. 3. Change default password from "root" to "moxa".	N/A	1. [Web] Fixes that some file/information can be gotten, even if user does not Login. 2. [Web] Fixes that browser will re-direct to invalid web page, if the web page is tampered. 3. [Web] Fixes that un-allowed Linux commands can be carried on the page input, and then the web server will execute them. 4. [Web] Fixes that web server crash, if the URL is invalid 5. [Web] Fixes that nonce are same in the same time produced. 6. [Web] Fixes that cookie checks IP failed due to IP parsing in server is not correct.	N/A
V1.5	Build 16122916	N/A	AWK-3131-M12-RCC-US AWK-3131-M12-RCC-US-T AWK-3131-M12-RCC-US-CT AWK-3131-M12-RCC-US-CT-T AWK-3131-M12-RCC-EU AWK-3131-M12-RCC-EU-T AWK-3131-M12-RCC-EU-CT AWK-3131-M12-RCC-EU-CT-T AWK-3131-M12-RCC-JP AWK-3131-M12-RCC-JP-T AWK-3131-M12-RCC-JP-CT AWK-3131-M12-RCC-JP-CT-T	N/A	N/A	N/A	1. Fix the command prompt in the web page to run ping and other commands 2. Fix the non-authorized users are granted access to the web handler 3. Fix check multicast IP address error using product web page	N/A
V1.4	Build 16041815	N/A	AWK-3131-M12-RCC-US AWK-3131-M12-RCC-US-T AWK-3131-M12-RCC-US-CT AWK-3131-M12-RCC-US-CT-T AWK-3131-M12-RCC-EU AWK-3131-M12-RCC-EU-T AWK-3131-M12-RCC-EU-CT AWK-3131-M12-RCC-EU-CT-T AWK-3131-M12-RCC-JP AWK-3131-M12-RCC-JP-T AWK-3131-M12-RCC-JP-CT AWK-3131-M12-RCC-JP-CT-T	1. Allow STA tend to connect to 5G instead of 2.4G 2. Support extended control	N/A	1. Use the noise floor of candidate's channel to calculate signal strength for client-based roaming. 2. Support roaming rssi report 3. Enhance calculation method for noise floor and signal strength.	1. Fix OpenSSL down attack 2. Fix that the frag/rts threshold does not work under ACC slave mode 3. Fix that L4 filter doesn't configure successfully under some situation 4. Fix that the rssi roaming still fail when meet roam condition	N/A
V1.3	Build 15092117	N/A	AWK-3131-M12-RCC-US AWK-3131-M12-RCC-US-T AWK-3131-M12-RCC-US-CT AWK-3131-M12-RCC-US-CT-T AWK-3131-M12-RCC-EU AWK-3131-M12-RCC-EU-T AWK-3131-M12-RCC-EU-CT AWK-3131-M12-RCC-EU-CT-T AWK-3131-M12-RCC-JP AWK-3131-M12-RCC-JP-T AWK-3131-M12-RCC-JP-CT AWK-3131-M12-RCC-JP-CT-T	N/A	1. Change client-based roaming parameter in dBm 2. Change calculation method for noise floor and signal strength.	1. Performance enhancement 2. Optimize transmission and connected behavior in AP mode 3. Support CE new certification 4. Allow to set Accept/Drop policy for each rule for L2/L3/L4 firewall 5. Dropbear upgrade to v2015.67	1. DUT not allow packet pass with vlan tag 0 2. Wireless TX rate shows inconsistency with client mode when we set fix rate. 3. ACC mode not shows signal strength on 802.11 info of AWK search Utility 4. EU version's Passive Channel should not have probe request 5. Can't set wireless security to enterprise mode in ACC mode 6. Sometimes access to UI failed when using https protocol 7. Fix that ACC LED behavior 8. Fix Transmission power setup fail issue 9. WLAN LED does not turn to green in Client mode and Slave mode	N/A
V1.0	Build 13043016	N/A	AWK-3131-M12-RCC-US AWK-3131-M12-RCC-US-T AWK-3131-M12-RCC-US-CT AWK-3131-M12-RCC-US-CT-T AWK-3131-M12-RCC-EU AWK-3131-M12-RCC-EU-T AWK-3131-M12-RCC-EU-CT AWK-3131-M12-RCC-EU-CT-T AWK-3131-M12-RCC-JP AWK-3131-M12-RCC-JP-T AWK-3131-M12-RCC-JP-CT AWK-3131-M12-RCC-JP-CT-T	1. First release	N/A	N/A	N/A	N/A