MOXA

Software Release Note

Software Name: OnCell G3100_V2 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)
2.9	Build 16102611	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	N/A	N/A	N/A	1. HTTP and HTTPS can't access from WAN.	N/A
2.8	Build 16062920	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	N/A	1. update web top right banner.	N/A	N/A	N/A
2.8	Build 16053110	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	N/A	1. modify: Change the reverse Real COM default port from 63950/63966 to 60950/60966.	1. enlarge reset thread memory, prevent the stack overflow. 2. change: Email event will not block for cellular modem ip	1. bugfix: FW upgrade hang in system call "cold_start"	N/A
2.8	Build 16051809	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	N/A	N/A	1. enlarge auto ip report /GLink thread memory.	1. bugfix: when user enter below port information, FW will read buffer overflow. http://192.168.127.254/SioLog.htm?Port=5 2. bugfix: System log not change line. 3. bugfix: FW upgrade hang in system call "cold_start"	N/A
2.8	Build 16050419	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	1. Support import and export encryption config. 2. Support remote caller ID reboot. 3. Support RSSI and cellular mode report to OnCell Central Manager.	1. Remove ping google or yahoo in Link Quality Report. 2..Modify the NAT rule (If the client go out using the source port match internal port, we will transfer port to public port).	1. Enlarge the system log from 512 to 2048. 2. Avoid the javascript injection attack. 3. Enable the default login password. 4. HTTPS fail in Chrome browser. 5. Enlarge the WEB cookie length.	1. When VPN trigger by packet, it could be disconnect in 30 seconds. 2. Modify Caracas, Santiago and Colombo to correct timezon setting. 3. The GuaranLink alive check before timeout. 4. DDNS could be update fail in dyndns. 5. bugfix: WEB config "\" will not display and web page unnormal. 6. correct system log wording.	N/A
2.7	Build 14121018	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	N/A	N/A	1. The cellular connection compatible with G3110-T and G3150-T.	N/A	N/A
2.6	Build 14021814	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	1. Adding DDNS support with NO-IP.	N/A	1. SSH private key enhancement: SSH private key will change after upgrade firmware. 2. Open SSL key enhancement: OpenSSL random key generate entropy.	1. Avoid hang up the phone on virtual modem/GPS mode. 2. Fixing LAN port failure on cold start. 3. Fixing SMS PDU exception when sender number is alphanumeric under SMS PDU mode. 4. Fixing Cellular band setting issue in console. 5. Fixing TCP communication failure on port 8000 6. Fixing system failure on Cellular module failure: cell. err 002 7. Fixing SMS PDU format without compression issue. 8. Fixing SMS PDU alphabet encoding issue.	N/A
2.5	Build 11100811	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	1. Support console access from cellular WAN settings. 2. Support OnCell Central Manager, Service Forwarding, GuaranLink, Virtual Server and Remote SMS Control for SNMP Node. 3. Support OnCell Central Manager, Service Forwarding and GuaranLink for Console Settings. 4. Support cellular PPP authentication and dial number config setting. 5. Support virtual modem serial line control.	N/A	1. Monitor module detect failed for AT cmd Failed 10 times and USB device remove.	1. VPN dynamic hostname connection fail.	N/A
2.4	Build 11080209	N/A	OnCell G3110_V2/G3150_V2/G3110-T/G3150-T	1. Support G3110-T and G3150-T wide temperature.	N/A	N/A	1. When phase 2 config MD5, VPN connect could be fail.	
2.3	Build 10122115	N/A	OnCell G3110_V2/G3150_V2	1. Support GuaranLink. 2. Support customized SMS. 3. Support manual SMS. 4. Support Remote SMS Control.	N/A	N/A	N/A	
2.2	Build 10032317	N/A	OnCell G3110_V2/G3150_V2	1. Add ping echo reply in Link quality report function (in packet mode only). 2. Support FTP passive mode. 3. Support remote firmware upgrade from OnCell Central Manager and Service Forwarding. 4. Add IMEI display on web. 5. Support IPsec VPN tunnel, DES/3DES/AES128/AES192/AES256 encryption, and MD5/SHA1 authentication. 6. Support IPsec NAT traversal, Anti-Replay, and PFS (Perfect Forwarding Secrecy).	N/A	N/A	1. Don't cache DNS results to make DNS query everytime for Reverse RealCOM mode. 2. LED display incorrect. 3. TCP Server command port saves incorrect value in the Telnet console. 4. HTTPS firmware upgrade fixed. 5. In SMS tunnel mode, after receiving break, OnCell will stop sending SMS message. 6. Reopen fails on Reverse RealCOM mode.	N/A
2.1	Build 09031210	N/A	OnCell G3110_V2/G3150_V2	1. Support Cellular-to-Ethernet function. 2. Support OnCell Central Manager and Service Forwarding. 3. Support DHCP Server.	N/A	N/A	N/A	N/A
2.0	Build 08121714	N/A	OnCell G3110_V2/G3150_V2	N/A	1. First release(16MB).	N/A	N/A	