

## IPMI Firmware

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<b>Product Name</b>	<b>X10SRG-F</b>
<b>Release Version</b>	<b>3.72</b>
<b>Release Date</b>	<b>5/15/2018</b>
<b>Previous Version</b>	<b>3.45</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.</li><li>2. Disabled MCTP support on Broadcom 3108 firmware so it only supports I2C protocol.</li><li>3. Renamed Redfish APIs as follows: from /redfish/v1/UpdateService/SSL to /redfish/v1/UpdateService/SSLCert, and from /redfish/v1/UpdateService/SSL/Actions/SSL.Upload to /redfish/v1/UpdateService/SSLCert/Actions/SSLCert.Upload.</li><li>4. Simplified the actions required to reset OOB interface of Broadcom 3108 RAID controller.</li><li>5. Upgraded NTP package to 4.2.8p9 for security issue CVE-2016-7434.</li><li>6. Added ability to save BIOS diagnostic file into BMC by OOB</li></ol>

	<p>command.</p> <p>7. Added support for Redfish firmware inventory (BIOS/BMC update).</p> <p>8. Revised Redfish "Actions" for clearing event log.</p>
New features	<p>1. Added support for NVidia V100.</p> <p>2. Nested ICANN domain in "OEM" part if there is data to show.</p> <p>3. Added ability to filter out false alarm CATERR.</p> <p>4. Added ability to download CATERR dump data for tech support analysis.</p> <p>5. Added Redfish support for storage APIs.</p> <p>6. Added support for SEL Almost Full log (75%) and SEL Full log (99%).</p> <p>7. Enabled AC Power On Event log.</p> <p>8. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API "/redfish/v1/Systems/1/Storage/HA-RAID".</p> <p>9. Added Redfish memory information feature.</p> <p>10. Added new Redfish features for downloading and uploading IPMI configuration.</p>
Fixes	<p>1. LDAP Authentication can now be disabled right after enabling.</p> <p>2. Support product serial numbers longer than 15 characters in IPMI FRU.</p> <p>3. Added 204 and 405 http status code support for Redfish API so that 204 http status code responds to APIs that support PATCH and 405 http status code responds to APIs that do not support PATCH.</p> <p>4. Secondary NTP server no longer empty after BMC is restored to default.</p> <p>5. Honor SMTP Port.</p> <p>6. Removed Unexpected Alert showing when date and time settings are changed.</p> <p>7. Allow operator level access to reset iKVM.</p> <p>8. Include prerequisite attributes for POST Storage.CreateVolume in Redfish Schema.</p>

	<p>9. Allow uppercase IPv6 addresses.</p> <p>10. Allow POST action on /redfish/v1/UpdateService/SSL.</p> <p>11. Match BIOS/IPMI SEL DIMM location with motherboard silkscreen.</p> <p>12. French keyboard layout now recognizes all digits.</p> <p>13. Isolated issue where host would hang during POST with IERR errors when using 3108 AOC.</p> <p>14. Web Session value now set correctly after factory default.</p> <p>15. BIOS diagnostic tool can now save logs.</p> <p>16. iReasoning MIB Browser (SNMP) can now retrieve sensor data.</p> <p>17. OutBand/InBand commands can now change BMC Information.</p> <p>18. Show correct health condition when power supply is absent.</p> <p>19. BMC now logs events when user removes pre-installed HDDs (connected to storage backplane and 3108) during system boot and after Broadcom 3108 storage controller is initialized.</p> <p>20. Redfish no longer returns 500 when NetworkProtocol is patched after factory default.</p> <p>21. Corrected sensor reading of AOC-STG-i4S card.</p> <p>22. Removed duplicate AOC NIC sensors in webUI.</p> <p>23. SMCIPMITool "pminfo" now executes properly.</p>
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