

## Software Name: Firmware for VPort P16-2MR Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.1.0	Build_16112816	N/A	VPort P16-2MR36M, VPort P16-2MR42M, VPort P16-2MR60M, VPort P16-2MR80M, VPort P16-2MR36M-T, VPort P16-2MR42M-T, VPort P16-2MR60M-T, VPort P16-2MR80M-T, VPort P16-2MR36M-CT, VPort P16-2MR42M-CT, VPort P16-2MR60M-CT, VPort P16-2MR80M-CT, VPort P16-2MR36M-CT-T, VPort P16-2MR42M-CT-T, VPort P16-2MR60M-CT-T, VPort P16-2MR80M-CT-T	<b>New Features:</b> <ol style="list-style-type: none"> <li>1. System report.</li> <li>2. System parameter.</li> <li>3. TRDP.</li> <li>4. IEEE 1588.</li> <li>5. Streaming status.</li> <li>6. Basic network settings.</li> <li>7. Network attached storage.</li> <li>8. LDC.</li> <li>9. Bitrate control</li> <li>10. In-house auto white balance.</li> </ol> <b>Enhancements:</b> <ol style="list-style-type: none"> <li>1. Added hot or cold start information: V1.0: System cold start Vx.x Build:xxxxxxx, V1.1: System {warm or cold} start Index:{1 or 2} V1.1 Build:xxxxxxx</li> <li>2. System log: Illegal configured item: [section]_[item]=[value], device has been set to default, Corrupted configuration file, device has been set to default</li> <li>3. Added protection against Ghost vulnerability.</li> </ol>	<b>Bugs Fixed:</b> <ol style="list-style-type: none"> <li>1. ONVIF: Full of Pull Message request error after connected with Gemetec VMS for a long time.</li> <li>2. AE: When setting Exposure Shutter to fixed, brightness would change after rebooting.</li> <li>3. ActiveX: Digital PTZ may not work when operating Digital PTZ once camera is connected.</li> </ol> <b>Changes:</b> <ol style="list-style-type: none"> <li>1. RTSP: Added keep-alive mechanism with RTSP-Play command.</li> <li>2. RTSP: Changed default session timeout: 15 -&gt; 60 sec.</li> <li>3. Encoder: Removed VUI from H.264 SPS.</li> <li>4. G6 ONVIF: Supports Genetec VMD/Tamper events (Removed Key tag).</li> <li>5. OSD: Prevents input of unsupported characters.</li> <li>6. Increased the memory size for firmware upgrades from 50-&gt;56 MB.</li> <li>7. Account default password alert.</li> <li>8. OSD change alarm msg.</li> <li>9. Security Disable SSL v2, v3; using TLSv1.</li> <li>10. RTC: A) RTC driver check failed bit; B) AP check failed bit and time when booting.</li> <li>11. RTSP: Webpage shows number of connections and status.</li> <li>12. DHCP: Added clientID and serverID for configuration.</li> </ol>	N/A

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v1.0	Build_16020213	N/A	VPort P16-2MR36M, VPort P16-2MR42M, VPort P16-2MR60M, VPort P16-2MR80M, VPort P16-2MR36M-T, VPort P16-2MR42M-T, VPort P16-2MR60M-T, VPort P16-2MR80M-T, VPort P16-2MR36M-CT, VPort P16-2MR42M-CT, VPort P16-2MR60M-CT, VPort P16-2MR80M-CT, VPort P16-2MR36M-CT-T, VPort P16-2MR42M-CT-T, VPort P16-2MR60M-CT-T, VPort P16-2MR80M-CT-T	<b>New Features:</b> 1. First release.  <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> N/A  <b>Changes:</b> N/A	N/A