

Software Name: VPort ActiveX SDK PLUS

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	17032817	Windows XP with SP3 Windows 7	VPort 351 VPort 354 VPort 451 VPort 461 VPort 364A VPort 36-1MP VPort 26A-1MP VPort 56-2MP VPort P06-1MP-M12 VPort P06-EC-2 VPort P06HC-1MP-M12 VPort 66 VPort 06-HC VPort 16-1MP-M12 VPort P06-2MP VPort P36-2MP VPort P06-3MP VPort 461A VPort P16-2MR	1. Support UTF8 code page for customized caption feature of Vport 461A. 2. Add a new event driven interface GetReceiveFrameRate() for getting received fps information. 3. Support 64 bit version SDK.	Limit max record file size to 1GB and auto split if it exceeded.		1. Fix record functionality fail issue in the case that user use 3rd party camera streaming uri to connect steaming. 2. Fix continuous record frame dropped issue. 3. Fix Digital-PTZ cannot work if enabling it in the meantime of building streaming.	N/A
2.9	16060310	Windows XP with SP3 Windows 7	VPort 351 VPort 354 VPort 451 VPort 461 VPort 364A VPort 36-1MP VPort 26A-1MP VPort 56-2MP VPort P06-1MP-M12 VPort P06HC-1MP-M12 VPort 66 VPort 06-HC VPort 16-1MP-M12 VPort P06-2MP VPort P36-2MP VPort P06-3MP VPort 461A VPort P16-2MR	1. Support AAC audio decoder and rendering. 2. Support HTTP Digest authorization of HTTP command interface. 3. Support Digital PTZ. a. Mouse wheel; Zoom in/out. b. Mouse drag and drop; Pan and Tilt. c. Right-button mouse click; Restore to original frame. 4. Support gb2312 code page for TMRT 371 06-2MP, 16-2MP, and 06-HC-2MP models to render Chinese wording on caption bar.	Setup media service URI automatically if user doesn't fill it for Audio post case.	Fix GDI flicker problem under RGB rendering mode.	1. Fix Audio post function takes more than 8 seconds to enable. 2. Prevent unexpected crash when received frame is too large. 3. Fix UI thread may be blocked in connection function for long time if target IP address isn't available. 4. Fix an issue that ActiveX SDK in browser cannot display IP cam's video properly if device is behind NAT. 5. Fix potential crash when drawing on windows DC. 6. Fix application may hang if the peer IP address isn't exist. 7. Fix memory leak problem in GDI graphic rendering mode. 8. Fix memory leak issue when repeatedly connect and disconnect. 9. When codec is MJPEG, the displayed alert line of VMD is wrong. 10. Fix VPort 364A audio post dose not work issue. 11. Fix audio post would be failed if authentication is earbled. 12. Fix Authentication Dialog will pop-up repeatedly when enabling Auto-Reconnect functionality. 13. Fix that terminate ActiveX plug-in may take long time after camera was disconnected when enabling "auto-reconnect" mechanism. 14. Fix cannot record audio only stream in AVI format correctly. 15. Fix cannot connect under RTSP over HTTP protocol.	N/A
2.8	15030915	Windows XP with SP3 Windows 7	VPort 351 VPort 354 VPort 451 VPort 461 VPort 364A VPort 36-1MP VPort 26A-1MP VPort 56-2MP VPort P06-1MP-M12 VPort P06HC-1MP-M12 VPort 66	N/A	N/A	N/A	Fix a potential security issue.	N/A
v 2.8	14112513	Windows XP with SP3 Windows 7	VPort 351 VPort 354 VPort 451 VPort 461 VPort 364A VPort 36-1MP VPort 26A-1MP VPort 56-2MP VPort P06-1MP-M12 VPort P06HC-1MP-M12 VPort 66	N/A	1. When Audio Post is occupied, another caller has to pop-up an error dialog. 2. Setup media service URI automatically if user doesn't fill it to do Audio post.	1. Enable Multi-thread decoding for Full-HD resolution video on multi-core platform.	1. Fix Multi-thread crash issue in audio push module(MxAudio). 2. Fix an exception in Motion Edit mode. 3. Doesn't send force I-frame CGI to server when connect with multicast push protocol. 4. Audio post functionality expend too long time to enable.(8 seconds) 5. Cannot connect with LIn PTZ camera with multicast protocol. 6. Buffer overflow issue in dummy sink frame receiving socket. 7. UI thread may be blocked in connection function for long time if target IP address isn't available.	N/A
2.8	14052616	Windows XP with SP3 Windows 7	VPort 351 VPort 354 VPort 451 VPort 461 VPort 364A VPort 36-1MP VPort 26A-1MP VPort 56-2MP VPort P06-1MP-M12 VPort P06HC-1MP-M12 VPort 66	N/A	1. Need to input user authentication data every time after digest authentication is enabled 2. User authentication failed after server change HTTP/RTSP authentication scheme from basic to digest.	N/A	1. Fixed unable to connect to VPort 351 with MPEG4 via multicast 2. The installation time is longer than the previously	N/A

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2.8	14032812	Windows XP with SP3 Windows 7	VPort 351 VPort 354 VPort 451 VPort 461 VPort 364A VPort 36-1MP VPort 26A-1MP VPort 56-2MP VPort P06-1MP-M12 VPort P06HC-1MP-M12 VPort 66	<ol style="list-style-type: none"> <li>Support MOXA ONVIF Profile S devices</li> <li>Add new properties, MediaServiceUri, ProfileToken, StreamUri, for ONVIF connection</li> <li>Add new method, SetMulticastInfoByType, for multicast push protocol</li> <li>Add define, EMulticastInfoType, for SetMulticastInfoByType function</li> <li>Support RTSP MJPEG and parsing MJPEG comment segment</li> <li>Parsing timezone information in user data</li> <li>Add new property, VersionInfo, to get product version string in resource file</li> <li>Integrate with MxAudio library to support audio post and ONVIF backchannel handling</li> <li>Description of VPort RTSP streaming URI definition, RTSP connection rules and Microsoft .NET Framework integration issue in the appendix section</li> </ol>	N/A	<ol style="list-style-type: none"> <li>Modified ERecordedStatus due to an invalid recording path or file open/written being failed</li> <li>Parse the server IP, the port number, the user information from the URI of an input RTSP streaming or the URI of an ONVIF Media Service</li> <li>Definition of EMulticastInfoType in ActiveX interface</li> <li>Prevent HD video frame dropping</li> <li>Add correct NULL padding in a recording AVI file chunk</li> </ol>	<ol style="list-style-type: none"> <li>Graphic objects didn't resize after window had changed the size</li> <li>Couldn't modify VMD's window name, percentage and sensitivity when VMD was disabled</li> <li>Visual C++ 2005 Redistributable reinstalled every time</li> <li>Couldn't display graphic objects</li> <li>VPort ActiveX SDK sent an unexpected CGI command</li> <li>Couldn't show the status, connect fail, when a server's connection was full</li> <li>Recording settings in the disconnect callback was discarded</li> <li>Couldn't disconnect correctly when the connection with the streaming server had broken down</li> <li>Crashed in IE6 browser when motion edit mode was enabled</li> <li>Couldn't decode the multicast-push-MJPEG stream</li> <li>IE frozeed when the server became unreachable</li> </ol>	N/A