Release Notes

Product: ACTi SDK-10000 ActiveX Control
Version: v1.2.90
Release Date: Apr. 15 2011

<u>Enhancements</u>

1. (v1.2.90) Add 2 Methods EnableTitleEvent , DisableTitleEvent
2. (v1.2.90) Modify ADK render method.
   Add Event OnAutoReconnect
   Add Method SetRenderHeight
3. (v1.2.90) Modify PTZ file (Pleco-Pleco D)
4. (v1.2.90) Modify PTZ file (Pleco-Pleco D)
   Add method Is4VGAMode
5. (v1.2.90) Add method SetRenderHeight
6. (v1.2.90) When playback mode, setting connection timeout to 5s
7. (v1.2.90) Fixed sometimes control get x.y position error
8. (v1.2.90) Fixed audio talk issue
9. (v1.2.90) Fixed SendURLCmd problem
10. (v1.2.90) Fixed streaming by HTTP,RTP from AXIS issue
11. (v1.2.90) Support Multipart http streaming.
    Fixed get error resolution from AXIS.
12. (v1.2.90) Remember auto reconnect flag
13. (v1.2.90) Support to receive stream H264 on RTP from AXIS's IP Camera.
14. (v1.2.90) Fixed SendURLCmd parsing uri failed.
    Fixed Resize function.
    Fixed when network recovery ,live stream will auto reconnect if auto reconnect sets to TRUE.
15. (v1.2.90) When Sync playback ,snapshot will fail ,if there is no image.
    When disconnecting ,one of cameras at auto reconnect mode will give up.
16. (v1.2.90) When snapshot failed, modify snapshot times.
17. (v1.2.90) Fixed some snapshot bug
18. (v1.2.90) Modify snapshot function
19. (v1.2.90) When disconnected, Close connect thread.
    Snapshot buffer size is dynamic adjustment.
20. (v1.2.90) Fixed when pause the video at playback mode, title bar will become black.

21. (v1.2.90) Fixed when disable stretch mode caused abnormal result
22. (v1.2.90) After disconnecting, auto reconnect will stop
23. (v1.2.90) When mouse leave active window, control will trigger mouse left button up.
24. (v1.2.90) Remove GMT from Live/control title bar and show local pc time
25. (v1.2.90) add method RefreshControl
26. (v1.2.90) PIR and Motion sync with device
27. (v1.2.90) Support new ACD2000Q FW
28. (v1.2.90) Support dual stream device settings
29. (v1.2.90)Add 2 methods DevicePrivacyMask, SnapShotEx4CMS
30. (v1.2.90)Add ShowRealFPS 37 methods and new property and new events
31. (v1.2.90)Support snapshot to clipboard.
32. (v1.2.90)All url command will be through the streaming engine when streaming engine enabled.
33. (v1.2.88)Support maximum streaming time.
34. (v1.2.88)Resolve hostname to ip address when reconnect.
35. (v1.2.87)The SetTitleBarTextLayout support ms.
36. (v1.2.87)Add methods:
    ShowRealFPS
    SetRealFpsFontColor
    SetTextOutEx
37. (v1.2.86) Add some methods and events:
    methods : SetBorderWidth , SetBorderColor,   GetNumberOfMonitors
    evnets: OnKeyDown, OnKeyUp
38. (v1.2.85) Add method of SetVideoTransformConfig to configuration streaming engine resize video.
39. (v1.2.85) Add content type _MEDIA_TYPE_PREVIEW_AHTTP=8, _MEDIA_TYPE_PREVIEW_AHTTP_WITHOUT_CONTROL=9.
40. (v1.2.84) Add method of SnapshotWithTitleBar to duplicate title bar during snapshot without display title bar.
41. (v1.2.83) Add method:
    GetMotionRegionEnable, *SetMotionRegionEnable* to get/set each one of region.
    OpenFolderDialog is popup a dialog to select folder path.
    OpenFileDialog is popup a dialog to select file path path.
42. (v1.2.83) Support MOTION_CONFIG url command to get/set motion region's information.
43. (v1.2.83) Motion and VLoss are in B2 header and definition in streaming

protocol version v1.0.07.)

44. (v1.2.83) Modify event of OnMDSetting's parameter.

45. (v1.2.82) The AHTTP has been supported.

46. (v1.2.81) Properties:

    a. TCPVideoStreamID :　to specify video track, value 0 to 255 for 1 to 256 video track.

    b. RTPVideoTrackNumber: set it to 0, ARTP will use 1st video track,　1 to 255 is for specify video track.

    c. RTPAudioTrackNumber: set it to 0, ARTP will use 1st audio track,　1 to 255 is for specify audio track.

47. (v1.2.79) ARAW has been supported time zone.

48. (v1.2.78) Supported RTP over UDP with multi tracks

49. (v1.2.78) Support motion detection setting on ACD2000Q at single/quad mode.

50. (v1.2.77) Add three PTZ protocols 8211_VISCA, 8511_VISCA, SONY_VISCA.

51. (v1.2.76) Enable Snapshot after pause play (in Playback mode)

52. (v1.2.76) Add EnableDecoder for enable (1) / disable (0) decoder

53. (v1.2.76) Smooth fast forward under 4x(included) local playback

Spec Modify

1. (v1.2.90) When you call Play method, ActiveXContorl will not call Connect and StartStream automatically. AP should call Connect and StartStream before call Play method.

Remove

1. (v1.2.85) Removed methods of OpenFolderDialog and OpenFileDialog.

2. (v1.2.79) Removed VideoTrackIDOnRTP and AudioTrackIDOnRTP, and change ChannelNumber size to integer.

3. (v1.2.77) Removed StreamID and using ChannelNumber instead.(rs232-setting issue)

Bug Fix

1. (v1.2.90) Fix DO can't properly work

2. (v1.2.90) Preview 3 days with audio.(non-page pool).

3. (v1.2.90) Exception handle with memory allocation failed.

4. (v1.2.90) Cleanup all thread/memory/handle when disconnect.

5. (v1.2.90) Memory leak when network loss.
6. (v1.2.90) H.264 with TCD2500 when preview cause crash.
7. (v1.2.90) Support bitrate are 3.5M/4M/4.5M/5M/5.5M/6M.
8. (v1.2.90) Remote playback cause streaming engine crash.
9. (v1.2.90) Play speed to slow and audio not smooth in remote playback.
10. (v1.2.90) Have a event titlebar, but red motion frame not exist.
11. (v1.2.90) Reverse play and speed more than 2x, then SetCurrentTime not correct in remote playback.
12. (v1.2.88)When the EnableRender set to false then don't start decoder's thread.
13. (v1.2.88)Removed double memory buffer in preview thread.
14. (v1.2.88)Fix when decode's thread slow then receive's thread will be cause a lot of frames in queue.
15. (v1.2.88)Fix play and pause in playback then play's speed not correct.
16. (v1.2.87) Fix playback timecode issue.(28s->28s).
17. (v1.2.87) Supported large raw file of size >2gb.
18. (v1.2.87) Fix IRIS STOP issue.
19. (v1.2.86) The fps not correct in sequence header on PAL's camera.
20. (v1.2.86) After operation methods of FilpImage and MirrorImage then PTZ's function not correct.
21. (v1.2.86) The SetDefaultBackgroundColor not work.
22. (v1.2.84) SetCurrentTime with timezone issue.
23. (v1.2.83) Many times disconnect/reconnect during motion setting, then motion setting will be lost.
24. (v1.2.83) The motion setting via RTP will be failed.
25. (v1.2.82) No TEARDOWN command when RTP session closes.
26. (v1.2.82) The destination port in client's RTCP is 0.
27. (v1.2.82) Cannot hear a sound   when play a file is RTP with audio.
28. (v1.2.80) Digital Zoom doesn't work when playback and pause.
29. (v1.2.78) H.264 decode failed issue.
30. (v1.2.77) Resize font size when SetTextOut on full screen.
31. (v1.2.77) Screen freeze when exit full screen mode.
32. (v1.2.76) H.264 Screen flash caused by enable audio issue.
33. (v1.2.76) Change resolution on preview mode might crash issue.
34. (v1.2.76) Disable title bar cause black screen issue.
35. (v1.2.76) Mouse PTZ PAN speed fix to 1, 3, 5
36. (v1.2.76) Playback didn't send FILE_COMPLETE.

Limitation