Release Notes

Product: ACTi-SDK-10000 C SDK
Version: v1.2.40 (build 09.0513)
Release Date: May. 13 2009

Enhancements

1. (v1.2.40) Support maximum stream timeout.
2. (v1.2.39) Supported large raw file of size >2gb.
3. (v1.2.38) Add functions are KSetMotionInfoEx and KGetMotionInfoEx to support ACD2000Q four motion regions.
4. (v1.2.37) Add function of KSetVideoTransferConfig, KSetMotionInfoEx, KGetMotionInfoEx.
5. (v1.2.36)
   a. Add TCPVideoStreamID to specify video track, value 0 to 255 for 1 to 256 video track.
   b. Add RTPVideoTrackNumber (set it to 0, ARTP will use 1st video track, 1 to 255 is for specify video track).
   c. Add RTPAudioTrackNumber (set it to 0, ARTP will use 1st audio track,   1 to 255 is for specify audio track).
6. (v1.2.35) ARAW has been supported time zone.
7. (v1.2.34) Add three PTZ protocols 8211_VISCA, 8511_VISCA, SONY_VISCA.
8. (v1.2.33) Handle H.264, MJpeg resolution change.
9. (v1.2.33) Enable Mjpeg Decode I Only (1 Frame per second).
10. (v1.2.31) Add KSetSmoothFastPlayback for smooth fast forward playback..
11. (v1.2.30) Add KGetDIOStatusByHTTPEx to request DIO status from multi-channel devices.
12. (v1.2.28) Support full time zones.
13. (v1.2.27) Support H.264, Mpeg4, Mjpeg on preview, record and playback.
14. (v1.2.27) Support Dual-Stream connection.(Need Dual-Stream Devices)
15. (v1.2.27) Replace time code by local time (default setting), to use KReplaceTimeCodeByLocalTime to enable / disable the function.
16. (v1.2.27) Add KDropNextPFrameTillIFrame for drop decoding of P-frames in a GOP.
17. (v1.2.19) Support 16ch preview (D1 @ 30 FPS 1.5MB Bitrate)
18. (v1.2.18) Support preview, record and playback for H264 and MJpeg.

19. (v1.2.17) Add Record type FRAW2 (2) for index recording.
20. (v1.2.17) Add contact type CONTACT_TYPE_MULTIPLE_PLAYBACK for multiple playback and remote multiple playback.
21. (v1.2.16) Add KSetAutoDropFrameByCPUPerformance to enable auto drop frame mode.
22. (v1.2.16) Add KSetTimeCodeCallbackEx to call back time code in millisecond
23. (v1.2.16) Add KSetFirstB2Callback to call back first B2 packet
24. (v1.2.16) Rename KReverseImageLeftToRight to KMirrorImage.
25. (v1.2.16) Rename KReverseImageUpToDown to KFlipImage.
26. (v1.2.15) Add Multiple Files Playback functions
    API :
    - KSetMultipleMediaConfig
    - KAddMultipleMedia
    - KRemoveMultipleMedia
    - KClearAllMultipleMedia
    - KGetNthBeginTimeFromMultipleMedia
    - KGetNthEndTimeFromMultipleMedia
    - KGetTotalFramesOfMultipleMedia
    - KGetCurrentReadingFileIDFromMultipleMedia
    - KGetCurrentReadingAbsTimeFromMultipleMedia
27. (v1.2.13) Add KPTZGetRequestAbsPTZCommand for get a PTZ command to request PTZ absolute position
28. (v1.2.13) Add KSetFirstB2Callabck for get the first B2 data.
29. (v1.2.12) Modified the callback data of KSetDICallbackEx from int *32 to an array
30. (v1.2.12) Add absolute position of PTZ functions
31. (v1.2.12) Add an error code value by 32 for streaming fail
32. (v1.2.10) Add KEnablePricavyMask for setup 3 region of privacy mask on preview
33. (v1.2.08) Add KSetDICallbackEx to notify DI on / off
34. (v1.2.06) Support mega-pixel mpeg4 video.
35. (v1.2.06) Support mega-pixel motion jpeg video (preview only)
36. (v1.2.06) Add decoder mode in SDK10000, now you can use SDK10000 to decode the Mpeg4 video from IP camera..
    API :
    - KStartDecodeMode
    - KDecodeFrame

- KStopDecodeMode.

37. (v1.2.06) Add Digital PTZ function.
   API :
   - KDigitalPTZEnable
   - KDigitalPTZTo

38. (v1.2.06) Add Reverse image left To right function
   API :
   - KReverseImageLeftToRight

39. (v1.2.06) Add Reverse image up To down function
   API :
   - KReverseImageUpToDown

40. (v1.2.06) Add Jitter less adjust function
   API :
   - KEnableJitterLessMode

41. (v1.2.06) Increase connecting speed.

Remove

1. (v1.2.35) Removed VideoTrackIDOnRTP and AudioTrackIDOnRTP, and change ChannelNumber size to integer.
2. (v1.2.34) Removed StreamID and using ChannelNumber instead.(rs232-setting issue)
3. (v1.2.06) none.

Bug Fix

1. (v1.2.40) When the EnableRender set to false then don't start decoder's thread.
2. (v1.2.40) Removed double memory buffer in preview thread.
3. (v1.2.40) Fix when decode's thread slow then receive's thread will be cause a lot of frames in queue.
4. (v1.2.40) Fix play and pause in playback then play's speed not correct.
5. (v1.2.39) Fix playback timecode issue.
6. (v1.2.39) Disconnect will be cause appliatoin crash.
7. (v1.2.38) KSetVideoConfig change FPS and will be cause codec crash.
8. (v1.2.38) The fps value not correct in sequence header on PAL's camera.
9. (v1.2.38) Update stream sample to support quad device.
10. (v1.2.37) Cannot hear a sound when play a file is RTP with audio.
11. (v1.2.37) The function of KSetTextOut is work well.
12. (v1.2.32) Playback fast forward error.

13. (v1.2.31) Video move too fast on playback when decoder is disabled.
14. (v1.2.19) Pre-Record buffer won't temp when disable decoder.
15. (v1.2.17) DI won't trigger if DI was set before connect (control port only)
16. (v1.2.14) Sound Player was fail on Windows Vista Enterprise
17. (v1.2.10) Modify mpeg4 header checker for mega-pixel
18. (v1.2.08) Add KSetDICallbackEx to notify DI on / off
19. (v1.2.06) Fix playback the video over then 2.6G in a video clip.

Limitation