



# **S5PV210 Multi-Format Codec Release Notes (WinCE6.0/WM6.1)**

**S5PV210**

**Dec 10, 2009**

**REV 2.1**

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## S5PV210 RISC Microprocessor Release Note

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## Revision History

Revision No	Description of Change	Refer to	Author(s)	Date
0.1	Initial Version(Alpha version)	-	Jiyoung Shin	2009-08-07
0.2	Alpha Patch		Jiyoung Shin	2009-08-26
1.0	Support multi instance		Jiyoung Shin	2009-09-17
1.1	Support Auto UnitTest		Jiyoung Shin	2009-10-12
2.0	Apply unified API		Jiyoung Shin	2009-11-23
2.1	Change rendering module		Jiyoung Shin	2009-12-10

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# 1 Changes & Defect Fixes

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## 1.1.V2.1

1. Change rendering module because FIMC/FIMD is changed.
2. Change firmware from 10/31 ver. To 11/30 ver.
3. fixed memory crushing problem during 1080p encoding

## 1.2.V2.0

1. Apply unified API
2. Firmware version is changed(10/30 ver.)
3. Consumed byte is added
4. SsbSipMfcEncGetInBuf() function is changed(It will return address for each call)
5. Encoded frame type bug is patched.

## 1.3.V1.1

1. Support Auto UnitTest for Decoder.
2. Firmware version is changed(09/17 ver.)

## 1.4.V1.0

1. Support multi instance
  - Support all combination of dec+dec excepts DivX, XviD
  - Support all combination of enc+enc
  - Support H.263 enc+dec and H.264 enc+dec

## 1.5.V0.2

1. Support sequence header only(SPS, PPS) encoding/decoding.
2. Support slice-based interface except MPEG2/VC1.
3. Support extra DPB
4. Support post filter for mpeg4
5. Support configurable H.264 delay

## 1.6. V0.1

1. The first release of MFC API.
2. Support MPEG4(DivX,XviD)/H.264/H.263/MPEG2/VC1 Decoder
3. Support MPEG4/H263/H264 Encoder
4. Power Management is not implemented.
5. Multi instance is not implemented