

	Platforms Supported	Key Features	Compliance		Performance Metrics				
			Standards	Certification	Typical Specifications	Performance (MHz)	Memory - ROM (KB)	Memory - RAM (KB)	Other
<b>Audio Decoders</b>									
AAC LC	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-2 and MPEG-4 audio decoding</li> <li>Supports 2-channel low complexity (LC) profile decoding</li> <li>Supports sampling frequency up to 96 KHz</li> <li>Supports .aac input files (RAW, ADIF, ADTS bit streams)</li> <li>Supports CBR and VBR</li> <li>Supports TNS and PNS tools</li> <li>Supports mono, stereo, joint-stereo</li> <li>Configurable support for dynamic range control tool</li> <li>Supports multi-channel files</li> <li>Error concealment</li> <li>ISO conformance</li> <li>Configurability for 16-bit, 24-bit and 32-bit output</li> <li>Configurability for interleaved stereo output</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE Platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 13818-7</li> <li>ISO/IEC 13818-4</li> <li>ISO/IEC 14496-3</li> </ul>	Standard compliant	48KHz, 256Kbps, stereo	eLinux: 16.05 WinCE: 16.81	86	61	
Enhanced AACPlus	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-2 and MPEG-4 audio decoding</li> <li>Supports 2-channel low complexity (LC) profile decoding</li> <li>Supports sampling frequency up to 96 KHz</li> <li>Supports .aac input files (RAW, ADIF, ADTS bit streams)</li> <li>Supports CBR and VBR</li> <li>Supports TNS and PNS tools</li> <li>Mono, stereo, joint-stereo</li> <li>Configurable support for dynamic range control tool</li> <li>Supports decoding of HE-AAC version 1.2 (Spectral Band Replication)</li> <li>Supports decoding of HE-AAC version 2.0 (Parametric Stereo, HIGH QUALITY mode)</li> <li>Supports low power (LP) mode</li> <li>Configurability for 16-bit, 24-bit and 32-bit output</li> <li>Supports down sampling</li> <li>Coding Technologies (Dolby Labs) platform certification</li> <li>Error concealment</li> <li>Configurability for interleaved stereo output</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 13818-7</li> <li>ISO/IEC 13818-4</li> <li>ISO/IEC 14496-3</li> <li>ISO/IEC 14496-4</li> <li>ISO/IEC 14496-3</li> </ul>	Code Technology Certification Coding Technology AACPlus Decoder Certification	44.1KHz, 48Kbps, stereo	eLinux: 52.72 WinCE: 58.69	169	140	
MP3	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-1 Layer 2 audio decoding</li> <li>Supports MPEG-1 Layer 3 audio decoding</li> <li>Supports MPEG-2 Layer 3 audio decoding</li> <li>Supports MPEG-2.5 Layer 3 audio decoding</li> <li>Supports ABR, VBR and CBR</li> <li>Supports mono, stereo, and joint-stereo</li> <li>Configurable 16 or 24 bit PCM output</li> <li>Error concealment</li> <li>Bad frames trigger soft mute</li> <li>Configurable support for interleaved stereo output</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 11172-3</li> <li>ISO/IEC 11172-4</li> <li>ISO/IEC 13818-3</li> </ul>	Standard compliant	48KHz, 320Kbps, stereo	eLinux: 14.89 WinCE: 16.54	47	24	
WMA10 Standard	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports Windows Media Audio (WMA) audio decoding</li> <li>Compatible with up to WMA version 10</li> <li>Supports raw WMA and ASF formats</li> <li>Supports the L1, L2 and L3 profiles</li> <li>Supports all WMA bit rates and sampling rates, as specified in the L1, L2 and L3 profiles</li> <li>Supports stereo and mono</li> <li>Configurability for interleaved stereo output</li> <li>Configurability for 16-bit, 24-bit and 32-bit output</li> <li>Microsoft platform certification</li> <li>GStreamer plugin wrapper for Linux platforms</li> </ul>	<ul style="list-style-type: none"> <li>ASF Specification from Microsoft Corporation, Revision 01.20.02, June 2004</li> <li>WMAStdDecoderSpec</li> </ul>	Microsoft CTT 1.0	44KHz, 320Kbps	eLinux: 17.73 WinCE: 21.43	644	51	
WMA10 Lossless	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports Windows Media Audio (WMA) Lossless audio decoding</li> <li>Compatible with up to WMA version 10</li> <li>Supports up to N2 profile decoding</li> <li>Supports multi-channel</li> <li>Configurability for interleaved stereo output</li> <li>Supports bit rates up to 940 Kbps</li> <li>Microsoft platform certification</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>Supports Windows Media Audio (WMA) Pro audio decoding</li> </ul>	<ul style="list-style-type: none"> <li>ASF Specification from Microsoft Corporation, Revision 01.20.02, June 2004</li> <li>WMALSIDecoderSpec</li> </ul>	Under submission for Microsoft CTT 2.0	48KHz, 4100Kbps, 6 channels	eLinux: 194 WinCE: 206	774	146	
WMA10 Pro	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Compatible with up to WMA version 10</li> <li>Supports device profiles M0a, M0b, M1, M2, M3</li> <li>Supports multi-channels and downmix.</li> <li>Microsoft platform certification</li> <li>GStreamer plugin wrapper for Linux platforms</li> </ul>	<ul style="list-style-type: none"> <li>ASF Specification from Microsoft Corporation, Revision 01.20.02, June 2004</li> <li>WMAProDecoderSpec</li> </ul>	Microsoft CTT 2.0	44.1KHz, 128Kbps	eLinux: 39.3 WinCE: 39.7	644	156	
<b>Audio Encoders</b>									
MP3	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-1 Layer 3 audio encoding</li> <li>Supports 32kHz, 44.1kHz and 48kHz sample rates</li> <li>Supports mono and stereo output</li> <li>16 bits PCM input</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DMO filter wrapper for WinCE Platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 11172-3</li> <li>ISO/IEC 11172-4</li> <li>ISO/IEC 13818-3</li> </ul>	Standard compliant	44.1KHz, 128Kbps	eLinux: 33.01 WinCE: 40.82	52.3	35.9	
WMA	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports Windows Media® Audio (WMA) audio encoding</li> <li>Compatible with up to WMA version 8</li> <li>Supports raw WMA and ASF formats output</li> <li>Supports the L1, L2 and L3 Profile</li> <li>Supports all WMA bit rates and sampling rates, as specified in the L1, L2 and L3 profiles</li> <li>Supports stereo and mono</li> <li>16 bits PCM input</li> <li>Microsoft® platform certification</li> <li>GStreamer plugin wrapper for Linux® platforms</li> <li>DMO filter wrapper for Windows® CE platforms</li> </ul>	<ul style="list-style-type: none"> <li>ASF Specification from Microsoft Corporation, Revision 01.20.02, June 2004</li> <li>WMAEncoderSpec</li> </ul>	Microsoft CTT 2.0	48KHz, 128Kbps	eLinux: 118 WinCE: 144	368.3	905.8	
<b>Video Decoders</b>									
H.264 BP	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-4, Part 10 video decoding</li> <li>Supports H.264 baseline profile (BP) decoding</li> <li>Supports ASO and FMO</li> <li>Decodes baseline profile streams with level up to 5.1 encoded bit streams at NAL-unit boundary</li> <li>Error resilience and concealment tools present</li> <li>Configurable to enable hardware de-blocking accelerators</li> <li>Configurable output formats, supported output format: IYUV and UYVY fourcc formats</li> <li>User configurability for video cropping</li> <li>Re-entrant and Re-locatable decoder (support for multi-threaded environment)</li> <li>Low latency</li> <li>ITU conformance</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE platforms</li> </ul>	<ul style="list-style-type: none"> <li>ITU-T Rec. H.264   ISO/IEC 14496-10 AVC</li> <li>H.264 Conformance Spec. JVT-J011</li> </ul>	Under submission for MPEG IOT	CIF, 30fps, 768Kbps Max: VGA, 15fps, 600Kbps	eLinux: 236 WinCE: 312	80	1500	
MPEG-2 MP	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-1 video decoding</li> <li>Supports MPEG-2 video decoding</li> <li>Supports main profile (MP) @ main level (ML) decoding</li> <li>Configurable output formats, supported output format: IYUV and UYVY fourcc formats</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE Platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 13818-2</li> </ul>	Standard compliant	D1, 25fps, 4Mbps	eLinux: 336 WinCE: N/A	40	2280	
MPEG-4 SP/H.263	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-4 video decoding</li> <li>Supports simple profile (SP) @ level 5 (L5)</li> <li>Error resilience and concealment tools present</li> <li>Configurable output formats, supported output format: IYUV and UYVY fourcc formats</li> <li>Re-entrant and re-locatable decoder (support for multi-threaded environment)</li> <li>Low latency</li> <li>ISO conformance</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE Platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 14496-2</li> <li>ISO/IEC 14496-4</li> <li>ITU-T H.263 Video coding spec.</li> </ul>	Standard compliant	CIF, 27fps, 522Kbps Max: VGA, 25fps, 2Mbps	eLinux: 78 WinCE: 125	63	372	
Deinterlace	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Support optimization for Arm1136</li> <li>Support optimization for Cortex</li> <li>Support chroma format 4:2:0, 4:2:2, 4:4:4</li> <li>Support multiple deinterlacing algorithms</li> </ul>			720x480, 30fps	eLinux: 73 WinCE: N/A			
WMV	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports Windows Media® Video (WMV) video decoding</li> <li>Compatible with WMV1 WMV2</li> <li>Configurable output formats, supported output format: IYUV and UYVY fourcc formats</li> <li>GStreamer plugin wrapper for Linux® platforms</li> <li>DirectShow filter wrapper for Windows® CE platforms</li> <li>Supports Windows Media Video (WMV) video decoding</li> <li>Compatible with WMV version 9</li> <li>Supports up to main profile (MP) decoding</li> <li>Microsoft platform certification</li> <li>Configurable output formats, supported output format: IYUV and UYVY fourcc formats</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE Platforms</li> </ul>	<ul style="list-style-type: none"> <li>WMV Version 9.0, Windows Media Video V9 Decoding Specification, revision 87</li> <li>WMT Version 9.0, Functional Specification, Recommended Media Decoding – rev 8.1.</li> </ul>		CIF, 30fps, 384Kbps Max: VGA, 15fps, 600Kbps	eLinux: 190 WinCE: 230	203	720	
WMV9MP	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Compatible with WMV version 9</li> <li>Supports up to main profile (MP) decoding</li> <li>Microsoft platform certification</li> <li>Configurable output formats, supported output format: IYUV and UYVY fourcc formats</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE Platforms</li> </ul>	<ul style="list-style-type: none"> <li>Windows Media Video V9 Decoding Specification revision 87</li> <li>WMT Version 9.0, Functional Specification, Recommended Media Decoding – rev 8.1.</li> </ul>	Microsoft CTT 2.0	CIF, 30fps, 384Kbps Max: VGA, 15fps, 600Kbps	eLinux: 190 WinCE: 245	203	720	
<b>Video Encoders</b>									
MPEG-4 SP/H.263	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Hardware-accelerated video encoder</li> <li>Supports MPEG-4 audio encoding</li> <li>Supports simple profile (SP) encoding</li> <li>Supports H.263 profile 0 and level 70 encoding</li> <li>Built-in video pre-processor, camera stabilization and cropping IP block.</li> <li>Supports up to VGA resolution input image.</li> <li>YUY2 input format</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE platforms</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 14496-2</li> <li>ISO/IEC 14496-4</li> </ul>	Standard compliant	eLinux: VGA, 30fps, 1Mbps WinCE: VGA, 30fps, 1.5Mbps	eLinux: 200 WinCE: 200	ROM: N/A (hardware accelerated) RAM: N/A (hardware accelerated)	ROM: N/A (hardware accelerated) RAM: N/A (hardware accelerated)	
<b>Image Decoders</b>									
BMP	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports Bitmap (BMP) image decoding</li> <li>Supports BMP formats as defined in Windows SDK (version 3 onward)</li> <li>BMP compressed (RLE4, RLE8) and uncompressed input format</li> <li>Supports color depth 1, 4, 8, 16 and 24 bits per pixel</li> <li>Configurable output formats: RGB555, 16 bit RGB (RGB565), RGB666 and 24 bit RGB (RGB888)</li> <li>Supports all sizes specified in BMP specification</li> </ul>	<ul style="list-style-type: none"> <li>Windows SDK (version 3 onward) – BMP Format Documentation</li> </ul>		1MP	eLinux: 25 WinCE: 25	11	6.5	
GIF	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports Graphics Interchange Format (GIF) image decoding</li> <li>Supports GIF files containing more than one image with 1 to 8 bits per pixel (GIF 87a and 89a).</li> <li>Supports LZW compression method to compress image data.</li> <li>Supports interlacing in the image data.</li> <li>Supports transparency in the images.</li> <li>Supports animation of images.</li> <li>Configurable output formats: 24 bit RGB (RGB888), 16 bit RGB565, 15 bit RGB555, 18 bit RGB666</li> </ul>	<ul style="list-style-type: none"> <li>GIF 87a</li> <li>GIF 89a</li> </ul>	Standard compliant	1MP	eLinux: 30 WinCE: 30	67	301.5	
JPEG	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports Joint Photographic Experts Group (JPEG) image decoding</li> <li>Configurable support all the integer sampling formats allowed by the Baseline DCT coding (4:4:4, 4:2:2, 4:2:0, 4:1:1 etc)</li> <li>Supports color conversion from YUV to RGB-565 or RGB-888.</li> <li>Configurable support for interleaved UYVY format</li> <li>Supports resizing</li> <li>Supports restart markers</li> <li>Supports JPEG, JFIF and EXIF thumbnails</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 10918-1</li> <li>DIS 10918-1 and draft DIS 10918-2</li> </ul>	Standard compliant	1MP	eLinux: 30 WinCE: 36	50	20.75	
PNG	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports Portable Network Graphics (PNG) image decoding</li> <li>Supports PNG specification 1.0, zlib data format v 3.3 and deflate compressed data format v 1.3</li> <li>Supports PNG files that contain true-color image data (24 bits per pixel), grayscale mode, and indexed-color images of up to 256 colors</li> <li>Supports alpha transparency channel as well as transparency chunk handling</li> <li>Supports images encoded in interlaced order (Adams7 interlacing), as well as non-interlaced orders</li> <li>Supports RGB888, RGB565, RGB555 and RGB666 as output</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 15948</li> <li>PNG Specifications 1.0 (RFC 2083)</li> </ul>	Standard compliant	VGA	eLinux: 45 WinCE: 45	95	75.75	
<b>Image Encoders</b>									
SBC	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports sub-band encoder</li> <li>Supports 16KHz, 32KHz, 44.1KHz, 48KHz sample rates.</li> <li>Supports 4, 8 sub-bands.</li> <li>Supports 4, 8, 12, 16 block length</li> <li>Supports MONO, DUAL, MONO, STEREO mode</li> <li>Supports psycho-acoustic model</li> <li>GStreamer plugin wrapper for Linux® platforms</li> <li>DMO filter wrapper for Windows® CE platforms</li> </ul>	<ul style="list-style-type: none"> <li>A2DP specification for Bluetooth</li> </ul>		48 KHz, Stereo mode, 4 sub-bands, 4 blocks, bitpool is 24, psycho-acoustic model enable, bit rate is 48000 bps	eLinux: 24.72 WinCE: Coming Soon	22	9	
JPEG	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports Joint Photographic Experts (JPEG) image decoding</li> <li>Supports 420 or 422 or 444 YUV input</li> <li>Supports non-interleaved YUV in separate buffers.</li> <li>Supports YUV 422 interleaved input</li> <li>Configurability for various quality factors [0,100].</li> <li>Configurability to set restart markers into the JPEG bit-stream.</li> <li>Supports compressed thumbnails. Both JFIF and EXIF thumbnails are supported</li> <li>Configurable support for macro-block row/group of macro-block rows based encoding</li> </ul>	<ul style="list-style-type: none"> <li>ISO/IEC 10918-1</li> <li>DIS 10918-1 and draft DIS 10918-2</li> </ul>		1MP	eLinux: 105 WinCE: 105	50	33.75	
<b>Misc Packages</b>									
v4l_sink	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports Video4Linux (V4L) post-processing driver</li> <li>Supports I420 raw data format</li> <li>Supports post-processing resize and rotation dynamically</li> <li>Supports crop setting</li> <li>Supports TV out switch</li> <li>Tested with Freescale GStreamer plugins for video decoding</li> </ul>							
v4l_source	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Supports Video4Linux (V4L) pre-processing driver</li> <li>Supports capture pixel format and size setting</li> <li>Supports preview width and height setting</li> <li>Supports preview position and rotation setting</li> <li>Integrated in Freescale mfw_v4lsrc GStreamer plugin</li> <li>Tested with Freescale GStreamer plugin for MPEG-4 video encoding</li> </ul>							
<b>Parsers/Demuxers</b>									
asf	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>WMV video and WMA audio demuxing</li> <li>GStreamer plugin wrapper for Linux® platforms</li> <li>Supports WMDRM decryption integrated with the Janus™ library</li> <li>Tested with Freescale GStreamer plugin for WMA Standard audio decoding</li> <li>Tested with Freescale GStreamer plugin for WMV SP video decoding</li> <li>Tested with Freescale GStreamer plugin for WMV MP video decoding</li> </ul>			Use-Cases: WMV video + WMA audio				
avi	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>MPEG-4 video and MP3 audio demuxing</li> <li>H.264 video and MP3 audio demuxing</li> <li>GStreamer plugin wrapper for Linux® platforms</li> <li>Tested with Freescale GStreamer plugin for MPEG-4 SP video decoding</li> <li>Tested with Freescale GStreamer plugin for H.264 BP video decoding</li> <li>Tested with Freescale GStreamer plugin for MP3 audio decoding</li> </ul>			Use-Cases: MPEG-4 video + MP3 audio H.264 video + MP3 audio				
mp4	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux and WinCE operating systems</li> </ul>	<ul style="list-style-type: none"> <li>Supports MPEG-4 video and AAC or MP3 audio demuxing</li> <li>Supports H.264 video and AAC or MP3 audio demuxing</li> <li>GStreamer plugin wrapper for Linux platforms</li> <li>DirectShow filter wrapper for WinCE platform</li> <li>Tested with Freescale DirectShow filters for MPEG-4 SP and H.264 BP video decoding</li> <li>Tested with Freescale GStreamer plugins for MPEG-4 SP and H.264 BP video decoding</li> <li>Tested with Freescale DirectShow DMO for AAC/MP3 audio decoding</li> <li>Tested with Freescale GStreamer plugins for AAC/MP3 audio decoding</li> </ul>			Use-Cases: MPEG-4 video + AAC or MP3 audio H.264 video + AAC or MP3 audio				
m2v	<ul style="list-style-type: none"> <li>Hardware – i.MX ARM11 platforms</li> <li>Software - eLinux operating system</li> </ul>	<ul style="list-style-type: none"> <li>Parse inputted mpeg elementary data to frame based</li> <li>Tested with Open source GStreamer plugin for ffmpeg demuxer</li> <li>Tested with Freescale GStreamer plugin for MPEG-2 video decoding</li> </ul>			Use-Case: MPEG-1 system stream with open source ffmpeg demux				