Container	Track	Mime Type	File extensions	RMP200 V2.50.70+	DMC200 V3.12.10+	DMB300 V3.12.10+	SMA300 V3.12.20+	SMA200, SMT210, SMP200 V3.12.10+	eeebox B202, Ican V3.11.12+	nt_ia32, nt5_ia32 V3.12.10+
Supported medias formats										
Container	Track	Mime Type	File extensions							
Still image										
JFIF / jpeg		image/jpeg	.jpg	X	X	X	X	X	X	X
Plain EXIF / jpeg		image/jpeg	.jpg	X	X	X	X	X	X	X
JPEG2000 Part 1 (JP2)		image/jp2								
JPEG2000 Part 2(JPX)										
JPEG2000 Part 6 (JPM)										
png		image/png	.png, .apng	X	X	X	X	X	X	X
gif		image/gif	.gif	X	X	X	X	X	X	X
svg		image/svg+xml	.svg		X	X	X	X	X	X
Html										
html4		text/html	.html,.htm	X	X	X	X	X	X	X
html5		text/html	.html,.htm		X	X	X	X	X	X
W3C Widget		application/widget	.wgt		X	X	X	X	X	X
maff		application/x-maff	.maff, .maf	X	X	X	X	X	X	X
epub		application/epub+zip	.epub							
Adobe Flash										
swf 10	graphic opaque	application/x-shockwave-flash	.swf		X	X		X	X	X
	graphic transparent									X
	audio				X	X			X	X
	vidéo				X	X			X	X
Powerpoint										
	Maximum number of powerpoint at the same time				**1**	**1**			**1**	**-**
2003	graphic	application/vn.ms-powerpoint	.ppt, .pps		X	X			X	X
	audio				X	X			X	X
	video				X	X			X	X
2007	graphic		.pptx, .ppsx		X	X			X	X
	audio				X	X			X	X
	video				X	X			X	X
2010	graphic	application/vnd.openxmlformats-officedocument.presentationml.presentation	.pptx, .ppsx		X	X			X	X
	audio				X	X			X	X
	video				X	X			X	X
2013	graphic	application/vnd.openxmlformats-officedocument.presentationml.presentation	.pptx, .ppsx							
	audio									
	video									
Pdf										
pdf	graphic RGB	application/pdf	.pdf	X	X	X	X	X	X	X
	graphic CMJK									
	annotation									
	postscript									
Open Document Format (OASIS)										
odf	presentation	application/vnd.oasis.opendocument.presentation	.odp							
	Texte formaté	application/vnd.oasis.opendocument.text	.odt							
Text										
txt (*)	static	text/plain	.txt	X	X	X	X	X	X	X
	scrolling	text/plain	.txt	X	X	X	X	X	X	X
Audio/video										
	Maximum number of video at the same time			**1**	**1**	**1**	**1**	**1**	**1**	**-**
MPEG-4	video MPEG-4.10 (H264/AVC)		.mp4,.m4v,.m4a		X	X	X	X	X	X
	video MPEG-4.2 (Divx)			X	X	X	X	X	X	X
	video WMV7 (codec WMV1)									
	video WMV8 (codec WMV2)									
	video WMV9 (codec WMV3)									
	video WMV9 adv. profile (VC1)									
	audio MPEG-1 layer1/2									
	audio MPEG-1 layer3 (MP3)				X	X	X	X	X	X
	audio AAC				X	X	X	X	X	X
	audio AC3	audio/ac3								
	audio e-AC3									
QUICKTIME	video MPEG-4.10 (H264/AVC)		.mov		X	X	X	X	X	X
	video MPEG-4.2 (Divx)			X					X	
	video WMV7 (codec WMV1)									
	video WMV8 (codec WMV2)									
	video WMV9 (codec WMV3)									
	video WMV9 adv. profile (VC1)									
	audio MPEG-1 layer1/2									
	audio MPEG-1 layer3 (MP3)				X	X	X	X	X	X
	audio AAC				X	X	X	X	X	X
	audio AC3									
	audio e-AC3									
MPEG-2 PS	video MPEG-2		.vob, .mpg, .mpeg, .m2v, .ps	X	X	X	X	X	X	X
	video MPEG-4.10 (H264/AVC)				X	X	X	X	X	X
	video MPEG-4.2 (Divx)									
	audio MPEG-1 layer1/2				X	X	X	X	X	X
	audio MPEG-1 layer3 (MP3)									
	audio AC3									
	audio e-AC3									
	audio AAC				X	X	X	X	X	X
MPEG-2 TS	video MPEG-2		.ts		X	X	X	X	X	X
	video MPEG-4.10 (H264/AVC)				X	X	X	X	X	X
	video MPEG-4.2 (Divx)				X	X	X	X	X	X
	audio MPEG-1 layer1/2									
	audio MPEG-1 layer3 (MP3)									
	audio AC3				X	X				
	audio e-AC3				X	X				
	audio AAC				X	X	X	X	X	X
ASF	video WMV7 (codec WMV1)		.asf, .wmv, .wma							
	video WMV8 (codec WMV2)									
	video WMV9 (codec WMV3)	video/x-ms-wmv			X	X	X			
	video WMV9 adv. profile (VC1)				X	X	X		X	X
	audio WMA	audio/x-ms-wma			X	X	X		X	
MP3	audio MPEG-1 layer3 (MP3)		.mp3	X	X	X	X	X	X	X
Matroska	video		.mkv, .mk3d, .mka, .mks							
	audio									
	stereoscopic video									
	text									
Ogg	video THEORA		.ogg .oga .ogv							
	audio VORBIS									
	audio FLAC									
	audio PCM									
	voice SPEEX									
	text KATE (karaoke)									
MXF	video		.mxf							
	audio									
	subtitle									
F4V	video MPEG4.10 (H264/AVC)		.f4v							
	audio MPEG Layer 3									
	audio AAC									
FLV	video VP6		.flv							
	audio MPEG Layer 3									
	audio AAC									
	video MPEG4.10 (H264/AVC)									
AVI	video MPEG-2		.avi		X	X	X	X	X	X
	video MPEG-4.10 (H264/AVC)				X	X	X	X	X	X
	video MPEG-4.2 (Divx)				X	X	X	X	X	X
	audio MPEG Layer 1/2				X	X	X	X	X	X
	audio MPEG Layer 3				X	X	X	X	X	X
	audio AAC				X	X	X	X	X	X
MJPEG			.mjpg							
MJPEG2000										
Supported ressources (1)										
		text/csv	.csv		X	X	X	X	X	X
		text/tab-separated-values	.tsv		X	X	X	X	X	X
		text/plain	.txt		X	X	X	X	X	X
		text/x-markdown	.md							
		application/vnd.ms-excel	.xls		X	X	X	X	X	X
		application/vnd.openxmlformats-officedocument.spreadsheetml.sheet	.xlsx		X	X	X	X	X	X
		text/xml, application/xml	.xml		X	X	X	X	X	X
		application/x-json	.json		X	X	X	X	X	X
		text/javascript	.js		X	X	X	X	X	X
		text/css	.css		X	X	X	X	X	X
		text/calendar	.ics	X	X	X	X	X	X	X
		-	.ttf		X	X	X	X	X	X
		-	.otf							
		-	.eof							
		-	.woff							
		-	.ini							
		-	.db							
		-	.xmp							
		-	.xmpz							
		audio/x-mpequrl	.m3u							
		NC	.xspf							
Supported protocols										
file				X	X	X	X	X	X	X
http(s)				X	X	X	X	X	X	X
ftp				X	X	X	X	X	X	X
jar				X	X	X	X	X	X	X
DVB-T receiver										
UDP					X	X	X	X	X	X
RTP										
RTSP										
MMS										
RTMP										
MPEG DASH										

(1) : Inside containers, the following file types are not considered as medias but as resources, so not played

This part lists the performance of decoders. Please check if your version supports this feature, some formats may not be available.

dmb300

VIDEO

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
H.264	Baseline Profile	L1,L1.2,L1.3,L2,L2.2,L3				L3.1 may be supported where the used toolset is that one common to both Baseline and Main Profile
H.264	Main Profile	L1,L1.2,L1.3,L2,L2.2,L3,L3.1,L3.2,L4.1				
H.264	High Profile	L1,L1.2,L1.3,L2,L2.2,L3,L3.1,L3.2,L4.1	1080p, 720p	25	20	In vertical mode, 24fps is the maximum frame rate
MPEG-4	Simple Profile	L0,L1,L2,L3				
MPEG-4		DivX HD				DivX is based on MPEG4 Advanced simple profile but ignores the levels defined by MPEG4. There are two variants of DivX. The "certified" version does not require GMC or quarter pixel motion compensation prediction. The "non-certified" does support these features
MPEG-4	Advanced Simple Profile	L0,L1,L2,L3,L5	720p			At L5 resolution, only Simple Profile Toolset is supported
MPEG-2	Simple Profile	ML				
MPEG-2	Main Profile	Low, Main, High1440, High Level	1080i, 720p			
VC-1	Simple Profile	LL,ML				
VC-1	Main Profile	LL,ML,HL				
VC-1	Advanced Profile	L0,L1,L2,L3	1080p, 720p			
WM9	Simple Profile	LL,ML,HL				
WM9	Main Profile	Main	1080p, 720p			

Video media can be played only one at a time
A Video media inside a maff or wgt archive can not be decoded in case its metadata table is placed at its end. To solve the issue extract the video media from archive and add it as linked media instead or build the video media with its metadata table at the beginning (using a specific tool like ffmpeg)

VIDEO + AUDIO

Adviced characteristics:
paysage mode : MP4 container, Video H.264 (high@L4.0) (CABAC/2 ref frames), 1920x1080@25fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/LC
portrait mode : MP4 container, Video H.264 (high@L4.0) (CABAC/2 ref frames), 1920x1080@24fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/LC

AUDIO

Whatever the format is, the best performances are reached when using 44.1KHz sample rate (in V3.10.34+)
Only mono or stereo audio are supported

IMAGE

Max resolution : 2048x2048

POWERPOINT

MS Powerpoint media can be played only one at a time
Supported resolution is 11,28x6,35 cm, which corresponds to 1280x720 resolution

SCROLLING OVERLAY

Horizontal scrolling text (v1.10.10 with overlay option activated) can be played only one at a time

UDP

Restriction : only the first video pid and audio pid are extracted, and they must not change dynamically
Restriction: to ensure UDP stream decoding, ensure that the average bitrate is lower than [(8 * Frame Rate) / GOP value]. Note: GOP is also called "Intra frame interval"
For example, if the Frame Rate = 25 picture frames/sec and GOP value = 12, the bitrate can not be upper than 16,66 Mbps. If not, change the GOP value to match this condition and decode properly the stream UDP

TNT

Restrictions: French DVB-T profile 'TNTHD' is not supported (not properly decoded)

sma300

VIDEO

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
H.264	Baseline Profile	Fully compatible with the ITU-T Recommendation H.264 specification				
H.264	Main Profile	Fully compatible with the ITU-T Recommendation H.264 specification				
H.264	High Profile	Fully compatible with the ITU-T Recommendation H.264 specification	1080p			
MPEG-4	Simple profile (except GMC)					
MPEG-4	Advanced Simple profile (except GMC)					
MPEG-4	H.263 Baseline					
MPEG-4	Divx 3.0 to 6.0					
MPEG-2	Simple Profile					
MPEG-2	Main Profile	Fully compatible with ISO/IEC 13182-2 MPEG2 specification	1080p			
VC-1	Simple Profile	All VC-1 profile features-SMPTE Proposed SMPTE Standard for Television: VC-1 Compressed Video				
VC-1	Main Profile	All VC-1 profile features-SMPTE Proposed SMPTE Standard for Television: VC-1 Compressed Video				
VC-1	Advanced Profile	All VC-1 profile features-SMPTE Proposed SMPTE Standard for Television: VC-1 Compressed Video	1080p			

Video media can be played only one at a time
A Video media inside a maff or wgt archive can not be decoded in case its metadata table is placed at its end. To solve the issue extract the video media from archive and add it as linked media instead or build the video media with its metadata table at the beginning (using a specific tool like ffmpeg)
In case progressive video, the video should be displayed on a surface on which the destination width and height are multiple of 8. If not, some pixels on the edge of the video will be lost.(in case interlaced video, the width and height has to be multiple of 16 for the same reason)

AUDIO

Only mono or stereo audio are supported

IMAGE

Max resolution : 2048x2048

TRANSITION

Transitions between medias and area exit transitions are not supported

SWF

SWF is not supported. Contact sales@innes.fr for more information.

UDP

Restriction : only the first video pid and audio pid are extracted, and they must not change dynamically
Restriction: to ensure UDP stream decoding, ensure that the average bitrate is lower than [(8 * Frame Rate) / GOP value]. Note: GOP is also called "Intra frame interval"
For example, if the Frame Rate = 25 picture frames/sec and GOP value = 12, the bitrate can not be upper than 16,66 Mbps. If not, change the GOP value to match this condition and decode properly the stream UDP

dmc200 (hardware acceleration activated)

VIDEO

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
H.264	Baseline Profile	up to L3				
H.264	Main Profile	up to L4.1				
H.264	High Profile	up to L4.1	1080p, 720p	25	20	In vertical mode, 24fps is the maximum frame rate
MPEG-4	Simple Profile	up to L3				
MPEG-4		DivX HD				
MPEG-4	Advanced Simple Profile	up to L5	720p			At L5 resolution, only Simple Profile Toolset is supported
MPEG-2	Simple Profile	ML				
MPEG-2	Main Profile	Low, Main, High1440, High Level	1080i, 720p			
VC-1	Simple Profile	LL,ML				
VC-1	Main Profile	LL,ML,HL				
VC-1	Advanced Profile	up to L3	1080p, 720p			
WM9	Simple Profile	LL,ML,HL				
WM9	Main Profile	Main	1080p, 720p			

Video media can be played only one at a time
A Video media inside a maff or wgt archive can not be decoded in case its metadata table is placed at its end. To solve the issue extract the video media from archive and add it as linked media instead or build the video media with its metadata table at the beginning (using a specific tool like ffmpeg)

VIDEO + AUDIO

Advised characteristics (only one video is supported at the same time) :
paysage mode : MP4 container, Video H.264 (high@L4.0) (CABAC/2 ref frames), 1920x1080@25fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/LC
portrait mode : MP4 container, Video H.264 (high@L4.0) (CABAC/2 ref frames), 1920x1080@24fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/LC

AUDIO

Whatever the format is, the best performances are reached when using 44.1KHz sample rate (in V3.10.34+)
Only mono or stereo audio are supported

IMAGE

Max resolution : 2048x2048

POWERPOINT

MS Powerpoint media can be played only one at a time
Supported resolution is 11,28x6,35 cm corresponding to 1280x720 resolution

UDP

Restriction : only the first video pid and audio pid are extracted, and they must not change dynamically
Restriction: to ensure UDP stream decoding, ensure that the average bitrate is lower than [(8 * Frame Rate) / GOP value]. Note: GOP is also called "Intra frame interval"
For example, if the Frame Rate = 25 picture frames/sec and GOP value = 12, the bitrate can not be upper than 16,66 Mbps. If not, change the GOP value to match this condition and decode properly the stream UDP

TNT

Restriction: French DVB-T profile 'TNTHD' is not supported (not properly decoded)

sma200, smt210, smp200

VIDEO

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
H.264	Main Profile	up to L3.1	720p			
MPEG-4	Advanced Simple Profile		720p			
MPEG-2	Main Profile	ML	720p			

Video media can be played only one at a time
A Video media inside a maff or wgt archive can not be decoded in case its metadata table is placed at its end. To solve the issue extract the video media from archive and add it as linked media instead or build the video media with its metadata table at the beginning (using a specific tool like ffmpeg)
For all formats, video width in pixels must be a multiple of 8

AUDIO

Whatever the format is, the best performances are reached when using 44.1KHz sample rate (in V3.10.34+)
Only mono or stereo audio are supported

IMAGE

Max resolution : 2048x2048

TRANSITION

Transitions between medias and area exit transitions are not supported

UDP

Restriction : only the first video pid and audio pid are extracted, and they must not change dynamically
Restriction: to ensure UDP stream decoding, ensure that the average bitrate is lower than [(8 * Frame Rate) / GOP value]. Note: GOP is also called "Intra frame interval"
For example, if the Frame Rate = 25 picture frames/sec and GOP value = 12, the bitrate can not be upper than 16,66 Mbps. If not, change the GOP value to match this condition and decode properly the stream UDP

nt_ia32, nt5_ia32

VIDEO

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
H.264						
VC1						
MPEG-2						
MPEG-4						

The performances depends on the platform processors (cpu and gpu), and if hardware acceleration is activated
If hardware acceleration is not activated, output resolution is limited to 1920x1080
Thus, the number of video possible at the same time can't be predicted
If acceleration is possible, it will be activated on MPEG-2, H264 and VC1. MPEG-4.2 uses only software decoding
A Video media inside a maff or wgt archive can not be decoded in case its metadata table is placed at its end. To solve the issue extract the video media from archive and add it as linked media instead or build the video media with its metadata table at the beginning (using a specific tool like ffmpeg)

AUDIO

Only mono or stereo audio are supported

POWERPOINT

The performances depends on the platform processors (cpu and gpu), so performances can't be predicted

UDP

Restriction : only the first video pid and audio pid are extracted, and they must not change dynamically
Restriction: to ensure UDP stream decoding, ensure that the average bitrate is lower than [(8 * Frame Rate) / GOP value]. Note: GOP is also called "Intra frame interval"
For example, if the Frame Rate = 25 picture frames/sec and GOP value = 12, the bitrate can not be upper than 16,66 Mbps. If not, change the GOP value to match this condition and decode properly the stream UDP

eeebox B202

VIDEO

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
H.264			SD			
MPEG-2			SD			
VC-1			SD			

AUDIO

Only mono or stereo audio are supported

POWERPOINT

Supported resolution is 11,28x6,35 cm, which corresponds to 1280x720 resolution

TRANSITION

Transitions between medias and area exit transitions are not supported