				RMP200	DMC200	DMB400	DM8300	SMA300	SMH300	SMA200, SM1	EEEBOX B202, LCAN	nt_ia32, nt5_ia32
				V2.50.70+	V3.12.10+	V4.10.10+	V3.12.10+	V3.12.20+	V3.12.43+	V3.12.10+	V3.11.12+	V3.12.10+
Supported medias for Container	mats Track	Mime Type	File extensions									
Still image JFIF / jpeg		image/jpeg	.ipg	>	>	~	~	~			~	~
Plain EXIF / jpeg JPEG2000 Part 1 (JP2)		image/jpeg image/jp2	.ipg	١	١.	*	*	*	~	*	*	*
JPEG2000 Part 2(JPX) JPEG2000 Part 6 (JPM)												
png gif		image/png image/gif	.png, .apng .gif	١,	>>	*	× ×	*	Y	~	> >	>>
svg Html		image/svg+xml	.svg		١.		٨					١.
html4 html5		text/html text/html	.html,.htm .html,.htm	١	>>	> >	× ×	* *	>>	* *	× ×	* *
W3C Widget maff		application/widget application/x-maff	.wgt .maff, .maf	>	>>	١,	١,	4.4	۲,	11	١,	۲,
webgl epub		application/epub+zip	.epub							1		Х
Adobe Flash swf 10	graphic opaque	application/x-shockwave-flash	.swf		>		~			~	~	١,
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2003	Maximum number of powerpoint at the sam graphic	application/vn.ms-powerpoint	.ppt, .pps		1		1				1	
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2013	graphic audio	application/vnd.openxmlformats-officedocument.presentationml.presentation	.pptx, .ppsx		Н				Н	1		
Pdf	video											
pdf	graphic RGB graphic CMJK	application/pdf	.pdf	١.	١.	*	~	`	~	~	~	*
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Open Document Format (OA	presentation	application/vnd.oasis.opendocument.presentation	.odp									
Text	Texte formaté	application/vnd.oasis.opendocument.text	.odt									
txt (*)	static	text/plain	.txt	٧	١	~	~	~	~	~	~	~
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	video WMV9 (codec WMV3) video WMV9 adv. profile (VC1)											_
	audio MPEG-1 layer1/2 audio MPEG-1 layer3 (MP3)			-	•		١	١.				١.
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QUICKTIME	audio e-AC3 video MPEG-4.10 (H264/AVC)		.mov	-	>	*	~	,		~	~	^
	deo MPEG-4.2 (Divx) deo HEVC (H265)			١.		٤.				-		-
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	video WMV9 (codec WMV3) video WMV9 adv. profile (VC1)									-		
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	audio AC3 audio e-AC3				> >		> >					
ΔSF	audio AAC video WMV7 (codec WMV1)		.asf, .wmv, .wma		`	,		*	4	~	~	
	video WMV8 (codec WMV2) video WMV9 (codec WMV3)	video/x-ms-wmv			•	•	~	•	H	4		=
	video WMV9 adv. profile (VC1) audio WMA	audio/x-ms-wma			> >		>	>>	=		× ×	١,
MP3 Matroska	audio MPEG-1 layer3 (MP3) video VP9		.mp3 .mkv, , .mka, .mks	١	١,	* *	~	7	Ħ		~	*
	video VP8 video THEORA				Ħ		\exists	\exists	Ħ	7	\exists	ㅋ
	video HEVC (H265) audio VORBIS				H	× ×			4	4		=
	audio OPUS audio MP3											
	stereoscopic video text		.mk3d									
Webm	video VP9 video VP8		.webm			١,						
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	audio OPUS audio MP3											=
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MXF	text KATE (karaoke)		.mxf	F	H		=		Ħ	4	=	=
MAF	audio subtitle			F	H		=		Ħ	4	=	=
F4V	video MPEG4:10 (H264/AVC) audio MPEG Layer 3		.f4v		H					1		_
EIV	audio AAC video VP6		.flv		Ħ		=			1	=	=
FLV	audio MPEG Layer 3 audio AAC				H				Ħ	1		=
***	video MPEG4.10 (H264/AVC)		.avi		`	_	•		Ħ	,	•	-
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vii	video MPEG-4.2 (Divx) audio MPEG Layer 1/2				>>>	< < <	> > 1	444		<	<	× × ×
au	and a MRCC Lance 2					~		~			~	~
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		. RMP200	DMC200	DMB400	DMB300	SMA300	SMH300			nt_ia32, nt5_ia32
		V2.50.70+	V3.12.10+	V4.10.10+	V3.12.10+	V3.12.20+	V3.12.43+	V3.12.10+	V3.11.12+	V3.12.10+
Supported ressources	text/csv .csv		~	*	~	\	~	~	~ •	~
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	text/x-markdownmd		Ė					÷	÷	-
	application/vnd.ms-excel .xls		~	\	~	~	~	~	v ,	~
	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet .xlsx		~	~	~	~	~			~
	text/xml, application/xml .xml		~	<	>	\	>	~	v ,	~
	application/x-json .json		>	<	<	<	~	~	~ ·	~
	text/javascript .js		<	<	<	<	<	~	<.	~
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Supported protocols					_			4	البط	
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UDP UVB-1 receiver			~		~	~	~	~	,	~
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RTSP							-	-+	-	-
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MPEG DASH								-	-	\dashv
IVII EG DASIT										

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





dmb400							
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				
	H.264	Main Profile	L3,L3.1,L3.2,L4,L4.1,L4.2				
					2160 @ 24 fps		
	H.264	High Profile	L3,L3.1,L3.2,L4,L4.1,L4.2,L5,L5.1		1080p @ 60 fps		
		Simple Profile					
		Advanced Simple Profile					
	MPEG-2	Simple Profile					
	MPEG-2	Main Profile	L1,L2,L2.1,L3,L3.1,L4,L4.1, L5, L5.1		1080i @ 60 fps		
	VC-1/WMV	Simple Profile					
		Main Profile					
	VC-1/WMV	Advanced Simple Profile	L0, L1, L2, L3		1080 @ 30 fps		
	H.265	Main Profile	L1,L2,L2.1,L3,L3.1,L4,L4.1, L5, L5.1		2160p @ 30 fps		
	H.265	Main Profile 10	L1,L2,L2.1,L3,L3.1,L4,L4.1, L5, L5.1		2160p @ 30 fps		
	VP8				1080p @ 60 fps		
	VP9				1080p @ 60 fps		

Wide 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)

AUDIO

INNES

Decoding of video inside Mkv container whose frames header is stripped is not supported

Whatever the format is, the best performances are reached when using 44.1KHz sample rate Only mono or stereo audio are supported $\frac{1}{2} \frac{1}{2} \frac{1$

Max resolution : 4096x4096

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				
	High Profile		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 MPE64 Advanced simple profile but ignores the levels defined by MPE64. 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				
WM9	Simple Profile	LL,ML,HL				
WM9	Main Profile	Main	1080p, 720p			

A Video media inside a maffor mgt 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

Webm video of Web page (like YouTube) is not supported (and its fallback mp4 as well Adviced characteristics:

Adviced characteristics:

paysage mode: MP4 container, Video H.264 (high@H.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@H.0) [CABAC/2 ref frames), 1920x1080@24fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/LC
As described above, the profile H264 Baseline L4 (used by example when generating Mp4 video from a MS-PowerPoint media) is not supported. To work around in MS-PowerPoint e

AUDIO

Whatever the format is, the best performances are reached when using 44.1KHz sample rate (in V3.10.344 Only mono or stereo audio are supported

IMAGE

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

Models with scrolling text using overlay option 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 dynamicall'
Restriction: to ensure UPD 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 a 25 picture frame/syce and GOP value 12, the bitrate can not be upper than 15,66 Mbps. If not, change the GOP value to match this condition and decode properly the stream UI

dmc200 (hardware acceleration activated)

UDP

TNT

TNT

Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Adam DiaDaga (Adhara)	Description of the Control of the Co
Format			Iviax Resolution	iviax Frame rate (ips)	iviax bitrate (ivibps)	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				
		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			

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 (hijk)@4.0) (CABAC/2 ref frames), 1920x1080@25fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/L

protrait mode: MP4 container, Video H.264 (hijk)@4.0) (CABAC/2 ref frames), 1920x1080@25fps, mean bitrate = 10Mbps, max bitrate = 20Mbps, Audio HE-AAC/L

As described above, the profile H264 Baseline L4 (used by example when generating Mp4 video from a MS-PowerPoint media) is not supported. To work around in MS-PowerPoint em

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

Restriction: only the first video pid and audio pid are extracted, and they must not change dynamicall'
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 UI



This tables are showing some of the performances of the Innes devices. You can check out wether your device does support properly the codec re-

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		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)					
	Advanced Simple profile (except					
MPEG-4	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			
		All VC-1 profile features-SMPTE Proposed SMPTE Standard for Television: VC-1				
VC-1	Simple Profile	Compressed Video				
		All VC-1 profile features-SMPTE Proposed SMPTE Standard for Television: VC-1				
VC-1		Compressed Video				
		All VC-1 profile features-SMPTE Proposed SMPTE Standard for Television: VC-1				
VC-1	Advanced Profile	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 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 = 2 Spicture frames/sec and GOP value = 12, the bitrate can not be upper than 16,66 Mipps. If not, change the GOP value to match this condition and decode properly the stream UDP

sma200, smt210, smp200

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

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

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 [I8 * Frame Rate] / GOP value]. Note: GOP is also called "Intra frame interval"
For example, if the Frame Rate = 25 picture frames/esca 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	DEO										
	Format	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark				
	H.264										
	VC1										
	MPEG-2										
	MPEG-4										

[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 UDP

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

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

F	ormat	Profile	Levels	Max Resolution	Max Frame rate (fps)	Max BitRate (Mbps)	Remark
	1.264			SD			
1	MPEG-2			SD			
١	/C-1			SD			

AUDIO POWERPOINT

Only mono or stereo audio are supported

TRANSITION

Supported resolution is 11,28x6,35 cm, which corresponds to 1280x720 resolution Transitions between medias and area exit transitions are not supported