Supported Sony Camera Function List

for NVMS Enterprise Edition

Sep 15, 2016
Rev 1.0.0

Product Version	Device Pack version
2016 R2	8.5a

	Generation	G6									G7
	Reference Model	WR630	WR600	VM630	VB600B	EM630	EB600B	XM632	CX600W	HM662	VM772R
	Models Supported by Design	*WR632(C), WR602(C)*		*VB600, VB630, VB635, VM600, VM601, VB632D, VM601B, VM631, VM602R, VM632R*		*EB600, EB630, EB630B, EB632R, EB602R, EM600, EM601, EM631, EM602R(C), EM632R(C)*		*XM636, XM637, XM631*	*CX600*	-	-
Configurable Parameters	Video Codec	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264
	Resolution	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Frame Per Second	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Bitrate	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Quality	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Control Mode	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR
	H.264 Profile	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	-
	Max Bitrate	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	Max Bitrate Limit	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	Max Frames Between Keyframes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Max Frames Between Keyframes Mode	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	JPEG Bandwidth	yes	yes	yes	yes	yes	yes	yes	yes	yes	-
	Video Multicast Port	-	-	yes	yes	yes	yes	yes	yes	-	yes
	Brightness	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Saturation	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Sharpness	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Contrast	-	-	yes	yes	yes	yes	yes	yes	yes	yes
	Audio Codec	G711/G726(16/24/32/40kbps)	G711/G726(16/24/32/40kbps)	G711/G726(16/24/32/40kbps)	G711/G726(16/24/32/40kbps)	-	-	G711/G726(16/24/32/40kbps)	G711/G726(16/24/32/40kbps)	G711	G711/G726(16/24/32/40kbps)
	Audio Input Gain	yes	yes	yes	yes	-	-	yes	yes	yes	yes
	Audio Source	Mic/Line	Mic/Line	Mic/Line	Mic/Line	-	-	Mic/Line	Mic/Line	Mic/Line	Mic/Line
	Audio Multicast Port	-	-	yes	yes	-	-	yes	yes	-	yes
	Audio Output Gain	yes	yes	yes	yes	-	-	yes	yes	-	-
	HTTPS Enabled	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	HTTPS Port	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	Multicast Group	-	-	yes	yes	yes	yes	yes	yes	-	yes
	RTSP Port	-	-	yes	yes	yes	yes	yes	yes	-	yes
	RTSP Timeout	-	-	-	-	-	-	-	-	-	yes
	Streaming Mode	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP	HTTP, RTP, RTSP, Multicast
	Audio Streaming Mode	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	-	-	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP	-
	Metadata Valid Time	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	Metadata Package	-	-	-	-	-	-	-	-	-	Object Detection / Face Detection / Region of interest
	Video Format (for	-	-	-	-	-	-	-	-	Fisheye/1080p	-
	Rotation	-	-	yes	yes	yes	yes	yes	yes	-	-
	Flip	-	-	-	-	-	-	-	-	-	yes
	Aspect Ratio	-	-	-	-	-	-	-	-	-	yes
	Operation Mode	-	-	-	-	-	-	-	-	-	yes
Supported Functions	PTZ Preset	yes	yes	-	-	-	-	-	-	-	-
	Edge Storage	yes	yes	yes	yes	-	-	yes	yes	-	yes
	SD Card Maintenance Notification	yes	yes	yes	yes	-	-	yes	yes	-	yes
	Dewarping	-	-	-	-	-	-	-	-	yes	-
	Intelligent Scene Capture	-	-	-	-	-	-	-	-	-	yes
	Intelligent Cropping	-	-	-	-	-	-	-	-	-	yes
	Intelligent Coding	-	-	-	-	-	-	-	-	-	yes
	Evidence Shot	-	-	-	-	-	-	-	-	-	yes
	Stabilizer	yes	yes	yes	yes	yes	yes	yes	yes	-	yes

Supported Sony Camera Function List

for NVMS Standard Edition

Sep 15, 2016
Rev 1.0.0

Product Version	Device Pack version
2016 R2	8.5a

	Generation	G6									G7
	Reference Model	WR630	WR600	VM630	VB600B	EM630	EB600B	XM632	CX600W	HM662	VM772R
	Models Supported by Design	*WR632(C), WR602(C)*		*VB600, VB630, VB635, VM600, VM601, VB632D, VM601B, VM631, VM602R, VM632R*		*EB600, EB630, EB630B, EB632R, EB602R, EM600, EM601, EM631, EM602R(C), EM632R(C)*		*XM636, XM637, XM631*	*CX600*	-	-
Configurable Parameters	Video Codec	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264	JPEG/H.264
	Resolution	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Frame Per Second	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Bitrate	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Quality	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Control Mode	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR	CBR/VBR
	H.264 Profile	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main/Baseline	High/Main
	Max Bitrate	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	Max Bitrate Limit	yes	yes	yes	yes	yes	yes	yes	yes	-	
	JPEG Bandwidth	yes	yes	yes	yes	yes	yes	yes	yes	yes	-
	Brightness	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Saturation	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Sharpness	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Contrast	-	-	yes	yes	yes	yes	yes	yes	yes	yes
	HTTPS Enabled	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	HTTPS Port	yes	yes	yes	yes	yes	yes	yes	yes	-	yes
	RTSP Port	-	-	yes	yes	yes	yes	yes	yes	-	yes
	RTSP Timeout	-	-	-	-	-	-	-	-	-	yes
	Streaming Mode	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP, Multicast	HTTP, RTP, RTSP	HTTP, RTP, RTSP, Multicast
	Rotation	-	-	yes	yes	yes	yes	yes	yes	-	yes
	Aspect Ratio	-	-	-	-	-	-	-	-	-	yes
	Operation Mode	-	-	-	-	-	-	-	-	-	yes
	Video System	-	-	-	-	-	-	-	-	-	NTSC/PAL
Supported Functions	PTZ Preset	yes	yes	-	-	-	-	-	-	-	-
	Edge Storage	yes	yes	yes	yes	-	-	yes	yes	-	yes
	SD Card Maintenance Notification	yes	yes	yes	yes	-	-	yes	yes	-	yes
	Dewarping	-	-	-	-	-	-	-	-	yes	-
	Intelligent Scene Capture	-	-	-	-	-	-	-	-	-	yes
	Intelligent Cropping	-	-	-	-	-	-	-	-	-	yes
	Intelligent Coding	-	-	-	-	-	-	-	-	-	yes
	Evidence Shot	-	-	-	-	-	-	-	-	-	yes
	Stabilizer	yes	yes	yes	yes	yes	yes	yes	yes	-	yes