ONVIF

NVR version	Model Name	Firmware Version/Serial Number	Video Compression	Max Resolution	Audio	PTZ Control	Handle Motion/IO alarm	Use Sub Stream	adjust time	set Motion Area	set Private Area	set MaskAlarm	set Osd	set picture	Remark
	LG														
	LG-LW345-FP	515.0.0.1105060	H264/MJPEG	1920*1080	yes[1]	N/A	N/A	yes[2]	no[3]	N/A	N/A	N/A	N/A	N/A	[1]:Through the onvif protocol, the IPC has no audio information in the corresponding stream, but the audio information is found when the stream actually gotten. [2]:Subcode flows only can be supported when IE is enabled manually. [3]:There is a problem with the IPC firmware and the time setting failed.
	LG-LW6424-FP	515.0.0.1105060	H264/MJPEG	1920*1080	yes[1]	N/A	N/A	yes[2]	no[3]	N/A	N/A	N/A	N/A	N/A	[1]:Through the onvif protocol, the IPC has no audio information in the corresponding stream, but the audio information is found when the stream actually gotten [2]:Subcode flows only can be supported when IE is enabled manually [3]:There is a problem with the IPC firmware and the time setting failed
	LG-LW9424-B	4615.0.0.110628	H264	1920*1080[1]	yes	yes[2]	N/A	yes	yes	N/A	N/A	N/A	N/A	N/A	[1]:There is a problem with IPC firmware, and the onvif protocol gets more resolution lists than IPC actually supports [2]:Only P, T, and Z operations are
	BOSCH														
	BOSCH-NBC-265-P	09500453	H264	704*480	N/A	N/A	N/A	N/A	yes	N/A	N/A	N/A	N/A	no[1]	[1]:Only can get, but the settings will be failed
V3.0.0	BOSCH: Dinion-IP-NWC	809F0100:809F00E002500415	H264/MJPEG	704x576	No	No	No	No	Yes	No	No	No	No	No	
BaseV4.2.0	FLEXIDOME IP outdoor 5000 IR	3.50.0623	H264	1920*1080	YES	N/A	YES	No[1]	YES	YES	NO	N/A[2]	NO	YES	[1] subcode stream overshoot [2] but imageTooDark is supported, considering whether this is the implementation
BaseV4.2.0	NDP-502-Z30L PTZ camera	6.40.0240	H264[1]	1920*1080	YES	YES	YES	NO[2]	YES	YES	NO	N/A[3]	NO	NO	[1] support 265, but not media2.0 [2] subcode stream overshoot
	SONY														
	SONY: SNC-DH220T	1.50.00	H264/MJPEG	1920*1080	N/A	N/A	N/A	N/A	no[1]	N/A	N/A	N/A	N/A	N/A	[1]:There is a problem with the IPC firmware and the time setting will be failed
	SONY: SNC-CH140	1.50.00	H264/MPEG4/MJPEG	1280*720	yes	N/A	N/A	N/A	no[1]	N/A	N/A	N/A	N/A	N/A	[1]:There is a problem with the IPC firmware and the time setting will be failed
	SONY: SNC-CH220	1.50.00	H264/MPEG4/MJPEG	1920*1080	N/A	N/A	N/A	N/A	no[1]	N/A	N/A	N/A	N/A	N/A	[1]:There is a problem with the IPC firmware and the time setting will be failed
v3.0.0	SONY:SNC-VM630	1.5.0/3600007	H264/MJPEG	1920x1080	N/A	No	No	No	Yes	No	No	No	No	Yes	
v3.0.0	SONY:SNC-VB600	1.5.0/3600047	H264/MJPEG	1280x1024	N/A	No	No	No	Yes	No	No	No	No	Yes	
v3.0.0	SONY:SNC-VB630	1.5.0/3600051	H264/MJPEG	1920x1080	N/A	No	No	No	Yes	No	No	No	No	Yes	
v3.0.0	SONY:SNC-VM600	1.5.0/3600014	H264/MJPEG	1280x1024	N/A	No	No	No	Yes	No	No	No	No	Yes	
BaseV4.2.0	SNC-WR630 PTZ camera	2.8.0	H264	1920*1080	NO	YES	NO	YES	YES	NO	NO	N/A	NO	YES	The video stream of this device has a long delay of about 20s. There is a message in the alarm input, but there is a problem with the analysis, which is caused by not obtaining the input token.
	SAMSUNG HANWHA														
	SAMSUNG-SNB-5000	2.00	H264/MJPEG/MPEG4	1280*1024	yes	N/A	N/A	yes	yes	N/A	N/A	N/A	N/A	N/A	
	SAMSUNG-SNP-5200H	2.03-02	H264/MJPEG/MPEG4	1280*1024	yes	yes[1]	N/A	yes	yes	N/A	N/A	N/A	N/A	no[2]	[1]:Only P, T, and Z operations are supported [2]:Only can get, but the settings will be failed
	GANZ-NH061	CCD-cameraFw-100811P	H264/MJPEG	1280*960	yes	N/A	N/A	yes	yes	N/A	N/A	N/A	N/A	yes[1]	[1]:There is a problem with IPC firmware, the setup is successful, but it is not effective
v3.0.0	SAMSUNG: SNV-7082	1.00_121005/C8596V3C600424W	H264/MJPEG	1920x1080	G711U	No	No	Yes	Yes	No	No	No	No	Yes	
v3.0.0	SAMSUNG: SND-5080	3.1-_130416		1280x1024	G711U	No	No	Yes	Yes	No	No	No	No	Yes	
BaseV4.2.0	SND-6083 PTZ dome camera	3.04_160120	H264	1920*1080	NO	N/A	NO	NO	YES	NO	NO	NO	NO	YES	Unable to access the subcode stream, the device had only one H264 configuration profile from the ODM test and the other two were mjepg.
BaseV4.2.0	XNP-6370RH球机	2.00_171109	H264	1920*1080	YES	YES	NO	NO	YES	NO	NO	NO	NO	YES	Unable to access the subcode stream,and the configuration preview for the main stream does not take effect, but the ipc web side does. According to the ODM test, there are 5 profiles of the device, two of which are H264, and the code rate is 1080p, so the subcode stream cannot be connected.
	PANSONIC														
	PANSONIC-WV-NP502CH	1.4.0	H264/MJPEG	1920*1080	yes	N/A	N/A	yes	yes	N/A	N/A	N/A	N/A	N/A	
BaseV4.2.0	WV-S1132	1.7.0	H264/H265	1920*1080	YES	N/A	YES	NO	YES	NO	NO	N/A	YES	YES	For panasonic camera,For panasonic's camera, the problem with the configuration of resolution in the process of testing is a problem with the disorder of drainage, is due to the camera in the configuration resolution of 4-5 s will stop, cause the NVR to IPC for flow; When NVR polls the flow of IPC, there is a high probability that when the third or fourth stream of IPC is polled, the IPC outflow is normal, and the third or fourth stream of IPC is connected into the current main stream of the channel. The representation on NVR is that the parameters of the current channel are all messed up. However, the actual

Version	Model	Firmware	Codec	Resolution	Audio										Notes
BaseV4.2.0	WV-S6131	1.7.0	H264/H265	1920*1080	YES	YES	YES	NO	YES	NO	NO	N/A	YES	YES	Coding parameters, such as frame rate/resolution, will result in black screen or prompt set failure for similar reason to wv-s1132
AXIS															
BaseV4.2.0	Q6128-E	6.50.2.3	H264	3840*2160	NA[3]	YES	YES[1]	NO[2]	YES	NO	NO	N/A	NO	NO	[1] the alarm input cannot be accessed. From the perspective of ODM, there is no DigitalInput, waiting a bag analysis [2] there is no subcode stream. From the ODM, only one profile is H264 and the other one is jpeg [3] no AudioSourceConfiguration and AudioEncoderConfiguration profile
Honeywell															
BaseV4.2.0	H4L6GR2 PTZ dome camera	1.000.HVV00.1 build:2017-08-06	H264/H265	3072*2048	YES	YES[1]	YES	YES	YES	NO	NO	NO[2]	YES	YES	[1] can zoom, focus, does not support the PTZ movement. [2] occlusion detection area display configuration, but failed to save, no prompt, no alarm There is a heartbeat alarm in the alarm. Although there is no subscription, it will be sent all the time
Vivotec															
	Vivotec-FD8161	FD8161-VVTK-0103a	H264/MJPEG/MPEG4	1600x1200	yes	N/A	N/A	yes	yes	N/A	N/A	N/A	N/A	N/A	
	Vivotec-SD8362	SD8362-VVTK-0104a2	H264/MJPEG/MPEG4	1920*1080	G711/AAC	Yes	N/A	yes	yes	N/A	N/A	N/A	N/A	N/A	
Canon															
	3SVision-N3071	V1.05_STD-1 Nov 14 2011	H264	1600x1200	N/A	N/A	N/A	yes	yes	N/A	N/A	N/A	N/A	N/A	
v3.0.0	Canon-VB-H410	Ver. 1.0.0	H264/MJPEG	1920x1080	G711U	Yes	N/A	No	Yes	No	No	No	No	No	v3.0.0
INFINOVA: IP DOME-G															
V3.0.0	INFINOVA: IP DOME-G	12182448/ 1.04.01.20130313	H264/MJPEG	1920x1080	No	No	No	No	No	No	No	No	No		V3.0.0. The sub code stream is MJPEG
黄河:															
	黄河: HIHD_64	2.3.1.3.0.138/551357	H264/MJPEG	704x576	G726	No	No	Yes	No	No	No	No	No	Yes	Setting the compression parameter IPC will break the connection
金三立															
	金三立:ST-NT8189-LR-FB-	dome_V1.3.0|V1.0.0.1/1305091080005	H264/MJPEG	1920x1080	G711U	Yes	No	Yes	Yes	No	No	No	No	Yes	1080p can't get the stream
Zavio															
V3.1.0	Zavio: F531E	LM.1.6.18P10 Thu Aug 9 16:08:24 CST 2012	MJPEG/MJPEG4	1280*720	No	No	No	No	No	No	No	No	No	No	V3.1.0 Setting the system time will cause IPC to return to 500 and then not allow connections.
	Zavio: F3206	M2.1.6.02C045	H264/MJPEG												This IPC ONVIF access returned video encoding type error, MPEG4/JPEG, DSP needs to correct itself to lead to access