

Genetec

Website: <https://www.genetec.com/>

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Integration Protocol: Front-end: Genetec Protocol, Back-end: Dahua SDK

Supported Model List

Product Line	Model Number	Firmware
IPC	DH-IPC-PDBW5831N-B360, DH-IPC-PDBW5831	DH_IPC-HX8(5)XXX- Sag_EngSpnFrn_NP_V2.622.0000000.22.R.190225
	N22AL12 DH-IPC-HDBW2230E-S DH-IPC-HDW2431RP-ZS	DH_IPC-HX2XXX- Mole_MultiLang_NP_V2.800.0000000.1.R.190723
	N45CB5Z N25CL5Z N45CL5Z N44CL53 N44CG53 N44CL52 N25CL5Z N24CL53 N24CL52 N45BA5 N44BN52 N85CM5Z N85CL5Z N85CB5Z N84CG54 N84CL52 N84CG52 N45CL5Z-B N44CB33	DH_IPC-HX5X3X- Rhea_MultiLang_NP_Stream3_V2.800.0000008.0.R.190619

	<p>N44CG52 N44CG52-B N24BN52 N24CG53 N24CG52 N24CB33 N84CL54 N84BB14 N84CB34 DH-IPC-HFW4239TN-ASE DH-IPC-HDBW4239RN-ASE DH-IPC-HFW5431E-ZE DH-IPC-HDBW5231E-ZE DH-IPC-HDBW5431E-ZE DH-IPC-HDBW4431E-ASE DH-IPC-HDW4431EM-ASE DH-IPC-HDBW4431E-ASE DH-IPC-HDBW5231E-ZE DH-IPC-HDBW4231E-AS DH-IPC-HDBW4231E-ASE DH-IPC-HF5431E DH-IPC-HDBW4431F-AS DH-IPC-HDW5831R-ZE DH-IPC-HDBW5831E-ZE DH-IPC-HFW5831E-ZE DH-IPC-HDW4831EM-ASE DH-IPC-HDBW4831E-ASE DH-IPC-HDW4831EM-ASE DH-IPC-HDBW5431E-ZE DH-IPC-HFW4431E-SE- DH-IPC-HDW4431EM-ASE DH-IPC-HDBW4231F-AS DH-IPC-HDW4231EM-ASE DH-IPC-HDW4231EM-ASE DH-IPC-HFW4231E-SE DH-IPC-HDBW4831E-ASE DH-IPC-HFW4830E-S DH-IPC-HFW4831E-SE</p>	
	<p>DH-IPC-EBW81242 DH-IPC-EBW81242</p>	<p>DH_IPC-EBW8XXXX- Fafnir_MultiLang_NP_Stream3_V2.800.0000000.0.R.190520</p>
	<p>IPC-HFW7842H-Z IPC-HF7842F IPC-HDBW7842H-Z</p>	<p>DH_IPC-HX8XXX- Nobel_MultiLang_PN_V2.800.0000000.2.R.190709</p>

	IPC-HDBW7442H-Z IPC-HDBW7442H-Z4 IPC-HDBW7442H-Z4FR IPC-HDBW7442H-ZFR IPC-HF7442F IPC-HF7442F-FR IPC-HFW7442H-Z IPC-HFW7442H-Z4 IPC-HFW7442H-Z4FR IPC-HFW7442H-ZFR DH-IPC-HFW7442HN-ZFR DH-IPC-HDBW7442HN-Z	
	DH-PSDW81642M-A360	DH_IPC-PSDW8XXX- Fafnir_EngSpnFrn_PN_Stream3_V2.680.0000000.1.R.190517
PTZ	22204UENI	DH_SD-Eos- Civil_MultiLang_NP_Stream3_V2.623.0000000.22.R.190409
	8A840WANF	DH_SD- Fafnir_EngSpnFrn_N_Stream3_V2.623.0000000.13.R.190227
	6CE445XANR 5A445XANR	DH_SD- Prometheus_MultiLang_NP_Stream3_V2.800.0000000.2.R.190420
	12203TNI 1A203TNI 40212TNI 42212TNI 42C212TNI 49225TNI	DH_SD-Mao- Rhea_MultiLang_NP_Stream3_IVS_V2.623.0000000.7.R.181124
	50430UNI 52C430UNI 59430UNI 6C430UNI 6AE530UNI 6AL245UNI 59230UNI 6CE230UNI	DH_SD-Eos_EngSpnFrn_N_Stream3_V2.623.0000000.1.R.180627
	DH-TPC-BF2221N-B3	DH_TPC-BF2221-B_EngtIspnFrn_NP_V2.630.0000000.2.R.190426



Thermal	DH-TPC-BF5401N-B7 DH-TPC-BF5401N-B13 DH-TPC-BF5401N-B25 DH-TPC-BF5601N-B7 DH-TPC-BF5601N-B13 DH-TPC-BF5601N-B25	DH_TPC-BF5X01-B_EngtIspnFrn_NP_V2.630.0000000.2.R.190426
	N41B1P N41B2P N42B1P N42B1P1 N42B1P2 N42B1P3 N42B1P4 N42B1P6 N42B2P N42B2P1 N42B2P2 N42B2P3 N42B2P4 N42B2P6 N42B3P N42B3P1 N42B3P2 N42B3P3 N42B3P4 N42B3P6 N42B3P8	DH_NVR4XXX-4KS2_MultiLang_V3.216.0000003.0.R.190521
NVR	N52A4P N52A4P1 N52A4P12 N52A4P2 N52A4P3 N52A4P4 N52A4P6 N52A4P8 N54A4P N54A4P1 N54A4P12 N54A4P2 N54A4P3 N54A4P4	DH_NVR5XXX-4KS2_MultiLang_V3.216.0000006.0.R.20190223

	<p>N54A4P6 N52B2P N52B2P1 N52B2P2 N52B2P4 N52B3P N52B3P1 N52B3P2 N52B3P4 N52B3P8 N54B3P N54B3P12 N54B3P2 N54B3P4 N54B3P8 N52B5P N52B5P2 N52B5P3 N52B5P4 N52B5P6 N52B5P8 N52B5P12 N52B5P16 DHI-NVR5224-24P-4KS2 DHI-NVR5224-24P-4KS2-1T DHI-NVR5224-24P-4KS2-2T DHI-NVR5224-24P-4KS2-3T DHI-NVR5224-24P-4KS2-4T DHI-NVR5224-24P-4KS2-6T DHI-NVR5224-24P-4KS2 DHI-NVR5424-24P-4KS2 DHI-NVR5424-24P-4KS2-1T DHI-NVR5424-24P-4KS2-2T DHI-NVR5424-24P-4KS2-3T DHI-NVR5424-24P-4KS2-4T DHI-NVR5424-24P-4KS2-6T</p>	
	<p>DHI-NVR6A08-128-4KS2 DHI-NVR6A08-128-4KS2 12TB DHI-NVR6A08-128-4KS2 24TB DHI-NVR6A08-128-4KS2 2TB DHI-NVR6A08-128-4KS2 48TB DHI-NVR6A08-128-4KS2 4TB DHI-NVR6A08-128-4KS2 6TB</p>	<p>DH_NVR6XX-4KS2_EngFrnSpn_V3.216.0000000.1.R.190614</p>

	DHI-NVR6A08-32-4KS2 DHI-NVR6A08-32-4KS2 12TB DHI-NVR6A08-32-4KS2 24TB DHI-NVR6A08-32-4KS2 2TB DHI-NVR6A08-32-4KS2 48TB DHI-NVR6A08-32-4KS2 4TB DHI-NVR6A08-32-4KS2 6TB DHI-NVR6A08-32-4KS2 8TB DHI-NVR6A08-64-4KS2 DHI-NVR6A08-64-4KS2 12TB DHI-NVR6A08-64-4KS2 24TB DHI-NVR6A08-64-4KS2 2TB DHI-NVR6A08-64-4KS2 48TB DHI-NVR6A08-64-4KS2 4TB DHI-NVR6A08-64-4KS2 6TB	
	DHI-NVR4216-16P-I	DH_NVR4XXX-I_MultiLang_V4.000.0000000.0.R.20190713
XVR	XVR7216A-4KL-I	DH_XVR7x16-I_MultiLang_PN_V4.000.0000002.10.R.190515
	X51B1E X51A1E X51A1E1 X51A1E2 X51A1H X51A2E X51A2E1 X51A2E2	DH_XVR5x08-X_MultiLang_NP_V4.000.0000002.4.R.190402
	X54A5L X54A5L2 X54A5L4 X54A5L8 X58A5S X58A5S12 X58A5S4 X58A5S8 X72A3A X72A3A2 X72A3A4 X72A3A6 X74A3L X74A3L12 X74A3L16	DH_XVR7x16-X_MultiLang_NP_V4.000.0000002.4.R.190402



X74A3L2 X74A3L3 X74A3L4 X74A3L6 X74A3L8	
X51A3E X51A3E1 X51A3E2 X52A3A X52A3A1 X52A3A2 X52A3N X52A3N1 X52A3N2 X72A2A X72A2A2 X72A2A3 X72A2A4	DH_XVR5x16-X_MultiLang_NP_V4.000.0000002.4.R.190402

Supported Function List

Dahua devices integrate with Genetec. Please check the integrated function list as below

Feature	Sub Feature	IPC	NVR	PTZ	Thermal	XVR
Video Streaming	H.265	√	√	√	√	√
	H.264	√	√	√	√	√
	MJPEG	√		√	√	
Audio Streaming	Camera to Head end (one way)	√	√	√	√	√
Streaming	Live	√	√	√	√	√
	playback	√	√	√	√	√
	snapshots	√	√		√	√
	multi-channel support	√	√		√	√
Video encoder configuration	Video Codec	√	√	√	√	√
	Resolution	√	√	√	√	√
	Quality	√	√	√	√	
	Frame Rate	√	√	√	√	√



Audio Streaming	Audio codec	√	√	√	√	√
Image settings	Brightness	√	√	√	√	√
	Contrast	√	√	√	√	√
	Saturation	√	√	√	√	√
	Sharpness	√		√	√	
	Focus	√		√		
PTZ	Pan		√	√		√
	Tilt		√	√		√
	Zoom		√	√		√
	presets		√	√		√
Events	Motion detection	√	√	√	√	√
	I/O	√	√	√	√	√
	Tampering	√	√	√	√	√
	Intrusion	√		√	√	
	Tripwire	√		√	√	
	Abandoned Object	√		√	√	
	Face Detection					
Others	HTTPS	√			√	