VMS ONVIF COMPATIBILITY CHART

GSD GROUP

COMPATIBLE WITH:

avigilon™
a Motorola Solutions Company

DW

WAVE

n^x

exacqVision®

Genetec™

◆ milestone

RELEASE DATE: 07/04/2024

REVISION FREQUENCY: 3 MONTHS

END-TO-END AI VIDEO SOLUTIONS

CRÉATEURS DE SOLUTIONS VIDÉO D'IA

FUNCTIONS		V21	V26	V31	V21 FISHEYE	V40	V43	V44
DEVICE SEARCH	**AUTO SEARCH**							
PREVIEW	H264 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
IMAGE	BRIGHTNESS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	CONTRAST	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	SATURATION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SHARPNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
CODEC SETTINGS	CODEC H264 AND H265 SWITCH	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RESOLUTION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	FRAME RATE	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	STREAM RATE DATA	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	IMAGE QUALITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
AUDIO	NVR PLAY IPC AUDIO	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTION DETECTION	NVR ENABLE IPC'S MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR ENABLE / DISABLE MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION DETECTION ALARM	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION REGIONS SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	SENSITIVITY	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
OSD	ENABLE / DISABLE TIME, CHANNEL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	POSITION SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MODIFY CHANNEL NAME	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR SYNC OSD NAME TO IPC	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTORIZED	ZOOM	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS
	FOCUS	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS
DHC P	PLUG AND PLAY	PASS	PASS	PASS	PASS	PASS	PASS	PASS

FUNCTIONS		V21	V26	V31	V21 FISHEYE	V40	V43	V44
DEVICE SEARCH	**AUTO SEARCH**							
PREVIEW	H264 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
IMAGE	BRIGHTNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	CONTRAST	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SATURATION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SHARPNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
CODEC SETTINGS	CODEC H264 AND H265 SWITCH	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RESOLUTION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	FRAME RATE	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	STREAM RATE DATA	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	IMAGE QUALITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
AUDIO	NVR PLAY IPC AUDIO	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTION DETECTION	NVR ENABLE IPC'S MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR ENABLE / DISABLE MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION DETECTION ALARM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	MOTION REGIONS SETTING	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SENSITIVITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
OSD	ENABLE / DISABLE TIME, CHANNEL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	POSITION SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MODIFY CHANNEL NAME	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR SYNC OSD NAME TO IPC	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTORIZED	ZOOM	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FOCUS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
DHC P	PLUG AND PLAY	PASS	PASS	PASS	PASS	PASS	PASS	PASS

FUNCTIONS		V21	V26	V31	V21 FISHEYE	V40	V43	V44
DEVICE SEARCH	**AUTO SEARCH**							
PREVIEW	H264 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
IMAGE	BRIGHTNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	CONTRAST	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SATURATION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SHARPNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
CODEC SETTINGS	CODEC H264 AND H265 SWITCH	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RESOLUTION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	FRAME RATE	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	STREAM RATE DATA	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	IMAGE QUALITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
AUDIO	NVR PLAY IPC AUDIO	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTION DETECTION	NVR ENABLE IPC'S MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR ENABLE / DISABLE MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION DETECTION ALARM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	MOTION REGIONS SETTING	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SENSITIVITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
OSD	ENABLE / DISABLE TIME, CHANNEL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	POSITION SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MODIFY CHANNEL NAME	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR SYNC OSD NAME TO IPC	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTORIZED	ZOOM	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FOCUS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
DHC P	PLUG AND PLAY	PASS	PASS	PASS	PASS	PASS	PASS	PASS

FUNCTIONS		V21	V26	V31	V21 FISHEYE	V40	V43	V44
DEVICE SEARCH	AUTO SEARCH							
PREVIEW	H264 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
IMAGE	BRIGHTNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	CONTRAST	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SATURATION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SHARPNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
CODEC SETTINGS	CODEC H264 AND H265 SWITCH	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RESOLUTION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	FRAME RATE	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	STREAM RATE DATA	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	IMAGE QUALITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
AUDIO	NVR PLAY IPC AUDIO	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTION DETECTION	NVR ENABLE IPC'S MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR ENABLE / DISABLE MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION DETECTION ALARM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	MOTION REGIONS SETTING	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SENSITIVITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
OSD	ENABLE / DISABLE TIME, CHANNEL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	POSITION SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MODIFY CHANNEL NAME	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR SYNC OSD NAME TO IPC	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTORIZED	ZOOM	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FOCUS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
DHC P	PLUG AND PLAY	PASS	PASS	PASS	PASS	PASS	PASS	PASS

milestone FUNCTIONS		V21	V26	V31	V21 FISHEYE	V40	V43	V44
DEVICE SEARCH	**AUTO SEARCH**							
PREVIEW	H264 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
IMAGE	BRIGHTNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	CONTRAST	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SATURATION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SHARPNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
CODEC SETTINGS	CODEC H264 AND H265 SWITCH	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RESOLUTION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	FRAME RATE	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	STREAM RATE DATA	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	IMAGE QUALITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
AUDIO	NVR PLAY IPC AUDIO	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTION DETECTION	NVR ENABLE IPC'S MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR ENABLE / DISABLE MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION DETECTION ALARM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	MOTION REGIONS SETTING	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SENSITIVITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
OSD	ENABLE / DISABLE TIME, CHANNEL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	POSITION SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MODIFY CHANNEL NAME	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR SYNC OSD NAME TO IPC	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTORIZED	ZOOM	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS
	FOCUS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
DHC P	PLUG AND PLAY	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Genetec™ FUNCTIONS		V21	V26	V31	V21 FISHEYE	V40	V43	V44
DEVICE SEARCH	AUTO SEARCH							
PREVIEW	H264 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 MAIN STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 SUB STREAM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H264 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	H265 NO PAUSE/DELAY ISSUES	PASS	PASS	PASS	PASS	PASS	PASS	PASS
IMAGE	BRIGHTNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	CONTRAST	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SATURATION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	SHARPNESS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
CODEC SETTINGS	CODEC H264 AND H265 SWITCH	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RESOLUTION	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	FRAME RATE	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	STREAM RATE DATA	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	IMAGE QUALITY	PASS	PASS	PASS	PASS	PASS	PASS	PASS
AUDIO	NVR PLAY IPC AUDIO	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTION DETECTION	NVR ENABLE IPC'S MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR ENABLE / DISABLE MOTION DETECTION	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MOTION DETECTION ALARM	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	MOTION REGIONS SETTING	PASS	PASS	PASS	PASS	PASS	PASS	PASS
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OSD	ENABLE / DISABLE TIME, CHANNEL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	POSITION SETTING	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	MODIFY CHANNEL NAME	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	NVR SYNC OSD NAME TO IPC	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
MOTORIZED	ZOOM	FAIL	FAIL	FAIL	FAIL	FAIL	PASS	PASS
	FOCUS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
DHC P	PLUG AND PLAY	PASS	PASS	PASS	PASS	PASS	PASS	PASS