Milesight

Milesight Backend Software Compatibility List

Release Date: 28th October, 2025

The Compatibility List for Milesight Backend Software(NVR) and IPC
2025/10/24 Release

Type		Product Line	Milesight Video Surveillance Series							
		Camera Firmware	51.7.0.77-r12 or above	61.8.0.5-r1 or above			63.8.0.4-r4 or above		63.8.0.5 or above	CQ 63.8.0.5-r2 or above
		NVR Version	V 9.0.19-r3							
		Camera Series	Mini Series(PD)	Mini Series(PE)	PTZ Series(PE)	Pro Series(PE)	180° Panoramic Dome/Bullet Camera(PE)	AI Dual-sensor Panoramic Camera(PG1)	Pro Series(PG1)	Q Series(PG1)
							Panoramic Series			
General	Device	Add Device	☑ (Not Supported for POE)	☑	☑	☑	☑	☑	☑	☑
		Get Device Info	☑	☑	☑	☑	☑	☑	☑	☑
		Delete/Edit Device	☑	☑	☑	☑	☑	☑	☑	☑
		Import/Export Configuration	☑	☑	☑	☑	☑	☑	☑	☑
		Reset to Default Settings	☑	☑	☑	☑	☑	☑	☑	☑
		Reboot	☑	☑	☑	☑	☑	☑	☑	☑
	Settings	Network Settings	☑	☑	☑	☑	☑	☑	☑	☑
		System Settings	☑	☑	☑	☑	☑	☑	☑	☑
	Advanced	ANR	☑	☑	☑	☑	☑	☑	☑	☑
		Watermark	☑	☑	☑	☑	☑	☑	☑	☑
Media	Image	General Settings	☑	☑	☑	☑	☑	☑	☑	☑
		Day/Night Settings	☑	☑	☑	☑	☑	☑	☑	☑
		OSD	☑	☑	☑	☑	☑	☑ (Front Color and Background Color are not supported)	☑ (Front Color and Background Color are not supported)	☑ (Front Color and Background Color are not supported)
		ROI	☑	☑ (Tertiary Stream is not supported)	☑ (Tertiary Stream is not supported)	☑ (Tertiary Stream is not supported)	☑ (Tertiary Stream is not supported)	☑ (Tertiary Stream is not supported)	☑ (Tertiary Stream is not supported)	☑ (Tertiary Stream is not supported)
		Privacy Mask	☑	☑	/	☑	☑	/	/	/
	Audio	2-way Audio	☑	☑	☑	☑	☑	☑	☑	☑
	Video	Video Settings	☑	☑ (MJPEG format is not supported）	☑ (MJPEG format is not supported）	☑ (MJPEG format is not supported）	☑ (MJPEG format is not supported)	☑ (Smart Stream is not compatible.	☑ (Smart Stream is not compatible.	☑ (Smart Stream is not compatible. MJPEG format is not supported.)
Live View		Detection Area	☑	☑	☑	☑	☑	☑	☑	☑
		Target Box	☐	☑	☑	☑	☑	☑	☑	☑
		Warning Light	/	/	/	/	/	☑	☑	☑
		Preview	☑	☑	☑	☑	☑	☑	☑	☑
Events		Event Images Push	☑	☑ (Not supported on Website)	☑ (Not supported on Website)	☑ (Not supported on Website)	☑ (Not supported on Website)	☑ (Not supported on Website)	☑ (Not supported on Website)	☑ (Not supported on Website)
	Basic Event	Motion Detection	☑	☑	☑	☑	☑	☑	☑	☑
		Audio Alarm	☑	☑	☑	☑	☑	☑	☑	☑
		Tamper Detection	☑ (VCA 1.0)	☑	☑	☑	☑	☑	☑	☑
		External Input	☑	☑	☑	☑	☑	☑	☑	☑
		External Output	☑	☑	☑	☑	☑	☑	☑	☑
	VCA Event	Instrusion Detection	/	☐	☐	☐	☐	☐	☐	☐
		Region Extrance	☑	☑	☑	☑	☑	☑	☑	☑
		Region Exiting	☑	☑	☑	☑	☑	☑	☑	☑
		Advanced Motion Detection	☑	☑	☑	☑	☑	☑	☑	☑
		Line Crossing	☑	☑	☑	☑	☑	☑	☑	☑
		Loitering	☑	☑	☑	☑	☑	☑	☑	☑
		Object Left	☑	☑	☑	☑	☑	☑	☑	☑
		Object Removed	☑	☑	☑	☑	☑	☑	☑	☑
	Advanced Event	Object Counting — People Counting	☑	☑	☑	☑	☑	☑	☑	☑
		Object Counting — Regional People Counting	/	☑	☑	☑	☑	☑	☑	☑
		Object Counting — Vehicle Counting	☑	☑	☑	☑	☑	☑	☑	☑
		Face Detection	/	☑	☑	☑	☑	☐	☑	☑
		Heat Map	/	☑	☑	☑	☑	☑	☑	☑
		Smart Attribute Recognition	/	☐	☐	☐	☐	☐	☐	☐
		One-Click Disarm	/	/	/	/	/	/	/	☑
PTZ		PTZ Functions	/	/	☑ (RJ485 & Status is not supported)	/	/	/	/	/

TIPS:
☑：Indicates that the NVR is fully compatible with this IPC feature.
/: Indicates that the camera does not have this feature.
☐：Indicates that this feature is not available on the NVR, or the NVR cannot use this IPC feature.

The Compatibility List for Milesight Backend Software(M-Sight Pro) and IPC
2025/10/27 Release

Type		Product Line	Milesight Video Surveillance Series						
		Camera Firmware	PD 51.7.0.77-r9-c13/ PD 51.7.0.77-r12 or above	PE 61.8.0.5-r1 or above				Pro G1 63.8.0.5 or above	CQ 63.8.0.5-r3 or above
		M-Sight Pro Version	V 3.1.0.9-r5						
		Camera Series	Mini Series(PD)	Mini Series(PE)	PTZ Series(PE)	Pro Series(PE)	Panoramic Series / 180° Panoramic Dome/Bullet Camera(PE)	Pro Series(PG1)	Q Series(PG1)
General	Device	Add Device	☑ (https is not supported)	☑ (https is not supported)	☑ (https is not supported)	☑ (https is not supported)	☑ (https is not supported)	☑ (https is not supported)	☑ (https is not supported)
		Delete/Edit Device	☑	☑	☑	☑	☑	☑	☑
		Get Device Info	☐	☐	☐	☐	☐	☐	☐
	Settings	Network Settings	☐	☐	☐	☐	☐	☐	☐
		System Settings	☐	☐	☐	☐	☐	☐	☐
Media	Image	Image Configuration	☐	☐	☐	☐	☐	☐	☐
	Audio	Audio & Alarm	☑ (Audio Output is not supported)	☑	☑	☑	☑	☑	☑
	Video	Stream Configuration	☑	☑	☑	☑	☑	☑	☑
Live View		Preview	☑	☑	☑	☑	☑	☑	☑
		PTZ Control Panel	/	/	☑	/	/	/	/
Playback		Replay	☑	☑	☑	☑	☑	☑	☑
Events	Basic Event	Motion Detection	☑	☑	☑	☑	☑	☑	☑
		Audio Alarm	☑	☑	☑	☑	☑	☑	☑
		Tamper Detection	☑ (VCA 1.0)	☑	☑	☑	☑	☑	☑
		External Input	☑	☑	☑	☑	☑	☑	☑
		Exception	/	/	/	/	/	/	/
	VCA Event	Instrusion Detection	/	☑	☑	☑	☑	☑	☑
		Region Extrance	☑	☑	☑	☑	☑	☑	☑
		Region Exiting	☑	☑	☑	☑	☑	☑	☑
		Advanced Motion Detection	☑	☑	☑	☑	☑	☑	☑
		Line Crossing	☑	☑	☑	☑	☑	☑	☑
		Loitering	☑	☑	☑	☑	☑	☑	☑
		Object Left	☑	☑	☑	☑	☑	☑	☑
		Object Removed	☑	☑	☑	☑	☑	☑	☑
	Advanced Event	Object Counting / People Counting	☑	☑	☑	☑	☑	☑	☑
		Object Counting / Reginoal People	☑	/	/	/	/	/	/
		Face Detection	/	☑	☑	☑	☑	☑	☑
	Other Events	Alarm Push	☑	☑	☑	☑	☑	☑	☑
		Smart Search	☐	☐	☐	☐	☐	☐	☐
		OEM Push Verification	☑	☑	☑	☑	☑	☑	☑

TIPS:
√: Indicates that the NVR is fully compatible with this IPC feature.
/: Indicates that the camera does not have this feature.
☐: Indicates that this feature is not available on the NVR, or the NVR cannot use this IPC feature.