

DIGIEVER Network Camera Compatibility List

The list is applied for DIGIEVER NVR firmware 77-1 version or later

Update: May. 2024

- DIGIEVER NVR supports the camera feature
- Ⓟ 360° Panoramic
- ◆ Camera takes more than 1CH, needed to be added via video sever method
- 1. Audio Detection
- IVA Event No.: 2. Advanced Motion Detection
- 3. Human Detection
- 4. Cross Line Detection
- * Camera does not support the feature
- Ⓢ NVR support camera hardware dewarp
- 5. Intrusion Detection
- 6. Loitering Detection
- 7. Foreign Object Detection
- 8. Missing Object Detection
- Blank means the feature is NOT supported or verified by DIGIEVER
- Ⓢ NVR support camera software dewarp
- 9. People Counting Threshold Alarm
- 10. Temperature Detection
- 11. Camera Tampering Detection
- 12. Object Status Change

Supported in the NVR latest version

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* Please contact DIGIEVER sales for updated information

Brand	Camera Model	Compression				Zoom Control				Motion Detection	Digital Input	Audio (Besides HTTP)	Two-way Audio	Edge Record (RTSP)	Supported IVA	AI Search (Metadata)	Advanced Right-Click Menu	Camera Firmware/ Note
		MJPEG	MPEG-4	H.264	H.265	Pan/Tilt	Optical Zoom	Digital Zoom										
Sunell	Sunell cameras																	
	Sunell SN-IPR5843BZAN-J2-Z		*	*	●	●	*	●	●	●	●	●	●				●	v17.06_build000195
	Sunell SN-IPV5941EEDR-Z			*	●	●	*	●	●	●	●	●	●					
	Sunell SN-IPV5950EDAR-Z			*	●	●	*	●	●	●	●	●	●					
	Sunell SN-IPR8050CBAA-Z	*	*	●	●	*	●	●	●	●	●	●	●		4, 9			v3.6.1602.1004.3.0.16.4.0.D01
	Sunell SN-IPR8050CBAN-Z	*	*	●	●	*	●	●	●	●	●	●	●		4, 5, 6, 9			v3.6.1602.1006.155.0.18.6.1.D01
	(DIGIEVER NVR supports Sunell cameras with ONVIF)																	
	Sunell SN-IPC54/11DN		*	●	*	*	*	●	●			*						
	Sunell SN-IPC54/11EDN		*	●	*	*	*	●	●			*						
	Sunell SN-IPC54/11FDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/12EDN		*	●	*	*	*	●	●			*						
	Sunell SN-IPC54/12FDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/14EDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/14EDN(III)		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/14FDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/31EDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/31FDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/40EDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC54/40FDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPC55/10EDN		*	●	*	*	*	●	●			*						
	Sunell SN-IPC55/20EDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/11VDN		*	●	*	*	*	●	●			*						
	Sunell SN-IPD54/11VDR		*	●	*	*	*	●	●			*						
	Sunell SN-IPD54/11XDN		*	●	*	*	*	●	●			*						
	Sunell SN-IPD54/11XDR		*	●	*	*	*	●	●			*						
	Sunell SN-IPD54/12VDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/12VDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/14VDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/14VDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/14XDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/14XDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/31VDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/31VDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/31XDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/31XDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/40VDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/40VDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/40XDN		*	●	*	*	*	●	●			●						
	Sunell SN-IPD54/40XDR		*	●	*	*	*	●	●			●						
	Sunell SN-IPD56/41VDR/V		*	●	*	*	*	●	●			*						
	Sunell SN-IPR54/03AQDN		*	●	*	*	*	●	●			*						v3.3.0806.1003.155.0.70.2.3
	Sunell SN-IPR54/04AEDR/B(II)		*	●	*	*	*	●	●			*						v3.3.0806.1003.155.0.70.2.3
	Sunell SN-IPR54/04BGDN/M(II)		*	●	*	*	*	●	●			*						v3.3.0806.1003.155.0.70.2.3
	Sunell SN-IPR54/04BGDN/M(II)		*	●	*	*	*	●	●			*						
	Sunell SN-IPR54/11AKDN		*	●	*	*	*	●	●			*						

Brand	Camera Model	Compression				Zoom Control			Motion Detection	Digital Input	Audio (Besides HTTP)	Two-way Audio	Edge Record (RTSP)	Supported IVA	AI Search (Metadata)	Advanced Right-Click Menu	Camera Firmware/ Note
		MJPEG	MPEG-4	H.264	H.265	Pan/Tilt	Optical Zoom	Digital Zoom									
	Sunell SN-IPR54/11ALDN	*	●	*	*	*	●	●		*							
	Sunell SN-IPR54/11APDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/12AKDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/14AKDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/14AKDN/M(III)	*	●	*	*	*	●	●		●						v1.7.1001.3.0.13	
	Sunell SN-IPR54/14ALDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/14APDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/14APDN/M(III)	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/31AKDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/31APDN	*	●	*	*	*	●	●		*							
	Sunell SN-IPR54/40AKDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPR54/40APDN	*	●	*	*	*	●	●		●						v2.0.0702.1002.3.0.119.0.0	
	Sunell SN-IPR55/10AKDN	*	●	*	●	●	●	●		●				Moving Speed(PTZ)		v1.8.1001.3.0.11	
	Sunell SN-IPR55/20AKDN	*	●	*	●	●	●	●		●				Moving Speed(PTZ)		v1.8.1001.3.0.12	
	Sunell SN-IPR56/41APDN/M	*	●	*	●	●	●	●		●				Moving Speed(PTZ)		v1.8.1001.3.0.13	
	Sunell SN-IPR57/41AKDN/Z	*	●	*	●	●	●	●		●				Moving Speed(PTZ)		v1.8.1001.3.0.14	
	Sunell SN-IPR57/41APDN/Z	*	●	*	*	*	●	●	*	*							
	Sunell SN-IP554/70DN	*	●	*	*	*	●	●		*							
	Sunell SN-IP554/70DR	*	●	*	*	*	●	●		*							
	Sunell SN-IP554/80DN	*	●	*	*	*	●	●		*							
	Sunell SN-IP554/80DR	*	●	*	*	*	●	●		*							
	Sunell SN-IP556/30CDR/ZSD12/WO	*	●	*	*	*	●	●	*	*							
	Sunell SN-IP557/21BDR/ZSC30/12	*	●	●	●	●	●	●	●	●				Moving Speed(PTZ)		t3.5.0804.1004.3.0.31.9.0	
	Sunell SN-IP557/21BDR/ZSC30/WO	*	●	*	*	*	●	●		●							
	Sunell SN-IP557/30BDR/ZSD	*	●	*	*	*	●	●		●							
	Sunell SN-IP557/30BDR/ZSD30/11	*	●	●	●	●	●	●	●	●							
	Sunell SN-IP557/30BDR/ZSD30/12	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/03ZDR	*	●	*	*	*	●	●		●						v1.8.1001.3.0.11	
	Sunell SN-IPV54/04ZDR/B	*	●	*	*	*	●	●	●	●						v3.3.0801.1003.155.0.72.2.3	
	Sunell SN-IPV54/11UDN	*	●	*	*	*	●	●	●	●						v3.3.0801.1003.155.0.72.2.3	
	Sunell SN-IPV54/11UDR	*	●	*	*	*	●	●	●	●						v3.3.0801.1003.155.0.72.2.3	
	Sunell SN-IPV54/11WDR	*	●	*	*	*	●	●	●	●						v3.3.0801.1003.155.0.72.2.3	
	Sunell SN-IPV54/11WDR	*	●	*	*	*	●	●	●	●						v3.3.0801.1003.155.0.72.2.3	
	Sunell SN-IPV54/11ZDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/12UDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/12UDR	*	●	*	*	*	●	●	*	●						v1.8.1001.3.0.11	
	Sunell SN-IPV54/14UDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/14UDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/14UDR/M(III)	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/14WDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/14WDR	*	●	*	*	*	●	●	*	●							
	Sunell SN-IPV54/14ZDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/31UDN	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/31UDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/31WDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/31WDR	*	●	*	*	*	●	●		*							
	Sunell SN-IPV54/31ZDR	*	●	*	*	*	●	●		●							
	Sunell SN-IPV54/40UDN	*	●	*	*	*	●	●		●						v2.0.0703.1002.3.0.125.0.0	
	Sunell SN-IPV54/40UDR	*	●	*	*	*	●	●	●	●						v3.3.0703.1002.155.0.69.1.5	
	Sunell SN-IPV54/40WDR	*	●	*	●	●	●	●	●	●				Moving Speed(PTZ)			
	Sunell SN-IPV54/40WDR	*	●	*	●	●	●	●	●	●				Moving Speed(PTZ)		v3.4.0804.1003.3.0.88.1.1	
	Sunell SN-IPV55/10UDR	*	●	*	*	*	●	●	●	●						v3.4.0804.1003.3.0.88.1.1	
	Sunell SN-IPV55/20UDR	*	●	*	*	*	●	●	*	●							
	Sunell SN-IPV56/60HDR		●	*	*	●	●	●	*	●							
	Sunell SN-IPV56/60HDR/B	*	●	*	*	*	●	●	*	●							
	Sunell SN-IPV57/41CMDR/Z/23	*	●	*	*	●	●	●	●	●						t3.5.0804.1004.3.0.31.9.0	
	Sunell SN-IPR57/80AKDN/Z	*	●	*	*	*	●	●	*	●							
	Sunell SN-IPV57/41CMDR/Z	*	●	*	*	*	●	●	*	●							
	Sunell SN-IPV57/41UDR/Z	*	●	●	*	*	●	●	●	●							

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		MJPEG	MPEG-4	H.264	H.265	Pan/Tilt	Optical Zoom	Digital Zoom									
	Sunell SN-IPR57/80AKDN/Z/13		*	●	●	*	*	●	●	*	●						
	Sunell SN-IPV57/80HDR/28 (P)(C)(S)		*	●	●	*	*	*	●	●	●						t3.5.0807.1004.3.0.31.1.0
	Sunell Video Server																
	Sunell SN-VSR54/04			●	*	*	*	●	●		●						

Note:

- More models are under integration and will be released soon.
- Two-way audio: ACTi, AXIS, Brickcom, Canon, Hi-Sharp, Honeywell, Levelone, Milesight, Risk Captur, SONY, TOA (5-generation camera), VIVOTEK (LAN), WatchNet
- Edge recording: ACTi, AXIS (H.264 only), Brickcom, Dynacolor, Honeywell, Hunt, SONY(H.264 only), VIVOTEK, WatchNet
- VB Search supports Canon cameras listed in the compatible list except VB-C series.
- Local liveview supports ImmerVersion engine codec of H.264 and MJPEG only.
- For camera added via ONVIF protocol, please follow below steps to set up camera event (like motion detection, digital input, tampering detection) on DIGIEVER:
 - On DIGIEVER NVR: Enable camera event on event and action management page.
 - On camera webpage: Enable camera event on camera setting page
- NVR supports H.264 and H.265 through ONVIF. For MJPEG format, please use Generic_MJPEG to add the camera.
- NVR supports Honeywell IVA through ONVIF (by Model): Motion Detection, Advanced Motion Detection, Tampering Detection, Intrusion Detection, Loitering Detection, People Counting Threshold Notice
- Cameras are not supported in Camera Digital Output in the Event & Action Management : Canon and TOA

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✘ **Camera IVA event support list:**

- Audio detection:** ACTi, Afidus, AXIS, Hanwha, Hi-Sharp, LevelOne
- Advanced motion detection:** ACTi, AXIS, Hanwha, Hitron, Honeywell, Milesight, WatchNet
- Human detection:** ACTi, Airflying, AXIS, Brickcom, Canon, Hanwha, Hikvision, Honeywell, Levelone, Milesight, Risk Captur, Sunell, WatchNet
- Cross line detection:** AXIS, Brickcom, Canon, Hanwha, Hikvision, Honeywell, Levelone, Milesight, Risk Captur, WatchNet
(Note: If camera resolution is higher than 4K, local display doesn't support tripwire.)
- Intrusion detection:** ACTi, AXIS, Brickcom (specific version), Hanwha, Hitron, Honeywell, Risk Captur, Sunell
- Loitering detection:** ACTi, AXIS, Brickcom (specific version), Hanwha, Honeywell, Milesight, Risk Captur, Sunell, WatchNet
- Foreign object detection:** ACTi, AXIS, Brickcom (specific version), Hitron
- Missing object detection:** ACTi, AXIS, Brickcom (specific version), Hitron
- People counting threshold alarm:** AXIS, Hanwha, Honeywell, Milesight, Risk Captur, Sunell, VIVOTEK, WatchNet
- Temperature detection:** Airflying, EOC, FLIR, Honeywell, Mobotix
- Camera tampering detection:** ACTi, AXIS, EOC, Hanwha, Hitron, Honeywell, LevelOne, Milesight, WatchNet
- Object Status Change:** Axis, Dahua