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   * Camera does not support the feature   Blank means the feature is NOT supported or verified by DIGIEVER
Ⓟ 360° Panoramic   Ⓒ NVR support camera hardware dewarp   Ⓢ NVR support camera software dewarp
◆ Camera takes more than 1CH, needed to be added via video sever method

	1. Audio Detection	5. Intrusion Detection	9. People Counting Threshold Alarm
IVA Event No.:	2. Advanced Motion Dectection	6. Loitering Detection	10. Temperature Detection
	3. Human Detection	7. Forteign Object Detection	11. Camera Tampering Detection
	4. Cross Line Detection	8. Missing Object Detection	12. Object Status Change

▭ Supported in the NVR latest version

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Brand	Camera Model	MJPEG	MPEG-4	H.264	H.265	Pan/Tilt	Optical Zoom	Digital Zoom	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
Canon	Canon cameras																
	Canon ME20F-SHN	●	*	●	*	*	*	*	●	●	●	●					Ver. 1.1.0
	Canon VB-C300	●		*	*	●	●	●	*	●							V1.0.0
	Canon VB-C300NA	●	*	*	*	●	●	●	*	*		*					Ver. 1.1 Rev. 5
	Canon VB-C500	●		*	*	*	*	●	●	●							V1.0.0
	Canon VB-C60	●		*	*	●	●	●	●	●							1.1 Rev.3
	Canon VB-H41	●	*	●	*	●	●	●	●	●	●						1.1.0
	Canon VB-H41B	●	*	●	*	●	●	●	●	●	●						
	Canon VB-H43	●	*	●	*	●	●	●	●	●	●					Trigger DO x2	1.1.2
	Canon VB-H43B	●	*	●	*	●	●	●	●	●	●					Trigger DO x2	
	Canon VB-H45	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	1.0.0
	Canon VB-H45B	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-H47	●	*	●	●	●	●	●	● (Note 1)	●	●	●				Trigger DO x2	1.0.3 1. Users need to enable intelligent function on Cam UI to enable Motion Detection. 2. No Cross Line Detection.
	Canon VB-H610D	●	*	●	*	*	*	●	●	●	●					Trigger DO x2	1.0.0
	Canon VB-H610VE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	
	Canon VB-H630D	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	1.2.2
	Canon VB-H630VE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	1.2.2
	Canon VB-H651VE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	1.0.0
	Canon VB-H652LVE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	Ver. 1.2.0
	Canon VB-H710F	●	*	●	*	*	●	●	●	●	●					Trigger DO x2	Ver. 1.0.2
	Canon VB-H730F	●	*	●	*	*	*	●	●	●	●					Trigger DO x2	V1.0.0
	Canon VB-H730F Mk II	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	
	Canon VB-H751LE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	1.2.2
	Canon VB-H760VE	●	*	●	*	*	●	●	●	*	*	*					1.0.0
	Canon VB-H761LVE	●	*	●	*	*	●	●	●	●	●	●				Trigger DO x2	Ver. 1.2.3
	Canon VB-M40	●	*	●	*	●	●	●	●	●	●						1.0.0
	Canon VB-M40B	●	*	●	*	●	●	●	●	●	●						1.0.0
	Canon VB-M42	●	*	●	*	●	●	●	●	●	●					Trigger DO x2	1.1.2
	Canon VB-M44	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	1.0.0
	Canon VB-M44B	●	*	●	*	●	●	●	●	●	●						
	Canon VB-M46	●	*	●	●	●	●	●	● (Note 1)	●	●	●				Trigger DO x2	1.0.3 1. Users need to enable intelligent function on Cam UI to enable Motion Detection. 2. No Cross Line Detection.
	Canon VB-M50B	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	
	Canon VB-M600D	●	*	●	*	*	●	●	●	●	●						1.0.0
	Canon VB-M600VE	●	*	●	*	*	●	●	●	●	●						
	Canon VB-M620D	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	1.1.2
	Canon VB-M620VE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	1.1.2
	Canon VB-M640V	●	*	●	*	*	*	●	●	*	*	*					1.0.0
	Canon VB-M640VE	●	*	●	*	*	*	●	●	*	*	*					1.0.0
	Canon VB-M641V	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	V1.0.0

Brand	Camera Model	MJPEG	MPEG-4	H.264	H.265	Pan/Tilt	Optical Zoom	Digital Zoom	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
	Canon VB-M641VE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-M700F	●	*	●	*	*	●	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-M720F	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-M740E	●	*	●	*	*	*	●	●	●	*	*	*				1.1.2
	Canon VB-M741LE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-R10VE	●	*	●	*	●	●	●	●	*	*	*					
	Canon VB-R11	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-R11VE	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	V1.0.0
	Canon VB-R12VE	●	*	●	*	●	●	●	●	*	*	*					V1.0.0
	Canon VB-R13	●	*	●	*	●	●	●	●	●	●					Trigger DO x2	Ver. 1.2.3
	Canon VB-R13VE	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x2	Ver. 1.2.3
	Canon VB-S30D	●	*	●	*	●	●	●	●	●	●	*				Trigger DO x1	1.1.1
	Canon VB-S30D Mk II	●	*	●	*	●	●	●	●	●	●	*				Trigger DO x1	
	Canon VB-S30VE	●	*	●	*	●	●	●	●	●	●	●				Trigger DO x1	
	Canon VB-S31D	●	*	●	*	●	*	●	●	●	●	*				Trigger DO x1	1.3.3
	Canon VB-S31D Mk II	●	*	●	*	●	*	●	●	●	●	*				Trigger DO x1	1.0.0
	Canon VB-S32D	●	*	●	●	●	●	●	● (Note 1)	●	●	*				Trigger DO x1	1.0.3 1. Users need to enable intelligent function on Cam UI to enable Motion Detection. 2. No Cross Line Detection.
	Canon VB-S32VE	●	*	●	●	●	●	●	● (Note 1)	●	●	*				Trigger DO x1	1.0.3 1. Users need to enable intelligent function on Cam UI to enable Motion Detection. 2. No Cross Line Detection.
	Canon VB-S800D	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.1.1
	Canon VB-S800D Mk II	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.0.0
	Canon VB-S800VE	●	*	●	*	*	*	●	●	●	●	●				Trigger DO x1	
	Canon VB-S805D	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.0.1
	Canon VB-S805D Mk II	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	
	Canon VB-S820D	●	*	●	●	*	*	●	●	●	●	*				Trigger DO x1	1.0.0 MPJEG uses camera's stream3 System checks camera event every 6 seconds
	Canon VB-S900F	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.1.1
	Canon VB-S900F Mk II	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.0.0
	Canon VB-S905F	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.0.1
	Canon VB-S905F Mk II	●	*	●	*	*	*	●	●	●	●	*				Trigger DO x1	1.0.0
	Canon VB-S910F	●	*	●	*	*	●	●	●	●	●	●				Trigger DO x1	
	Canon VB-S920F	●	*	●	●	*	*	●	●	●	●	*				Trigger DO x1	1.0.0 MPJEG uses camera's stream3 System checks camera event every 6 seconds

Note:

1. More models are under integration and will be released soon.

2. Two-way audio: ACTi, AXIS, Brickcom, Canon, Hi-Sharp, Honeywell, Levelone, Milesight, Risk Captur, SONY, TOA (5-generation camera), VIVOTEK (LAN), WatchNet

3. Edge recording: ACTi, AXIS (H.264 only), Brickcom, Dynacolor, Honeywell, Hunt, SONY(H.264 only), VIVOTEK, WatchNet

4. VB Search supports Canon cameras listed in the compatible list except VB-C series.

5. Local liveview supports ImmerVersion engine codec of H.264 and MJPEG only.

6. For camera added via ONVIF protocol, please follow below steps to set up camera event (like motion detection, digital input, tampering detection) on DIGIEVER:

   (1) ON DIGIEVER NVR: Enable camera event on event and action management page.

   (2) On camera webpage: Enable camera event on camera setting page

7. NVR supports H.264 and H.265 through ONVIF. For MJPEG format, please use Generic_MJPEG to add the camera.

8. NVR supports Honeywell IVA through ONVIF (by Model): Motion Detection, Advanced Motion Detection, Tampering Detection, Intrusion Detection, Loitering Detection, People Counting Threshold Notice

9. Cameras are not supported in Camera Digital Output in the Event & Action Management : Canon and TOA

※ **Camera IVA event support list:**

1. **Audio detection:** ACTi, Afidus, AXIS, Hanwha, Hi-Sharp, LevelOne

2. **Advanced motion detection:** ACTi, AXIS, Hanwha, Hitron, Honeywell, Milesight, WatchNet

3. **Human detection:** ACTi, Airflying, AXIS, Brickcom, Canon, Hanwha, Hikvision, Honeywell, Levelone, Milesight, Risk Captur, Sunell, WatchNet

4. **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.)

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									

5. **Intrusion detection:** ACTi, AXIS, Brickcom (specific version), Hanwha, Hitron, Honeywell, Risk Captur, Sunell

6. **Loitering detection:** ACTi, AXIS, Brickcom (specific version), Hanwha, Honeywell, Milesight, Risk Captur, Sunell, WatchNet

7. **Foreign object detection:** ACTi, AXIS, Brickcom (specific version), Hitron

8. **Missing object detection:** ACTi, AXIS, Brickcom (specific version), Hitron

9. **People counting threshold alarm:** AXIS, Hanwha, Honeywell, Milesight, Risk Captur, Sunell, VIVOTEK, WatchNet

10. **Temperature detection:** Airflying, EOC, FLIR, Honeywell, Mobotix

11. **Camera tampering detection:** ACTi, AXIS, EOC, Hanwha, Hitron, Honeywell, LevelOne, Milesight, WatchNet

12. **Object Status Change:** Axis, Dahua