

Alarm Management



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1 Short information

The Alarm Management platform from Bosch is a complete cloud-based platform for alarm management, alarm transmission and cloud storage.

It provides users with all features required to configure and use video surveillance functions such as alarm message list, video verification view including event timeline, video investigation live-view with audio intercom, PTZ control, metadata visualization, geolocation maps, VCA metadata overlay, event and video storage, trouble and tamper notification. For further information, refer to the Alarm Management datasheet.

Alarm Management supports a wide range of IP devices including Bosch and 3rd party cameras.

To use Alarm Management, any Bosch IP camera with firmware version 6.40 and later must be connected to [Remote Portal](#) first. It is required that the camera is either equipped with a local SD card or a managed recording target (iSCSI NAS, Video Recording Manager, DIVAR IP). 3rd party cameras are connected using a plug-in provided by Bosch or by a cloud-hosted ONVIF gateway. 3rd party cameras are added to Alarm Management first, and then licensed in Remote Portal.

You can find the latest compatibility status of each release version of Alarm Management in the release notes. The release notes list supported Bosch components, such as firmware version, Video SDK and Video Recording Manager (VRM). Furthermore, the release notes contain information about the use of latest features.

The release notes are available in the multi-tenant or dedicated Alarm Management system and are updated continuously.



Notice!

This document lists only the supported 3rd party cameras.

We continuously integrate new brands and models and extend the supported functionality.

2 Integration of 3rd party cameras

Bosch supports two options to connect 3rd party cameras to Alarm Management:

- ONVIF integration
- Plug-in integration

ONVIF integration

Alarm Management supports the connection of ONVIF-compliant cameras with Profile-S and Profile-T (see <https://www.onvif.org/conformant-products/>).

The cameras must support at minimum:

- H.264 Baseline Profile or Main Profile
- G711 or AAC audio encoding
- ONVIF motion events in case of event recordings and alarms, when the camera supports the Real-time Pull-Point Notification Interface
- http and/or https

An ONVIF connection can be configured in Alarm Management if the camera is reachable.

For further information on additional security layers offered by Bosch for ONVIF connections, contact support.security-cloud@bosch.com.

Platform	Supported functions		
	Alarm Management	Alarm Transmission	Cloud Storage
ONVIF	Live View	Not supported*	Continuous and post-alarm
*Alarm Transmission to external platforms is dependent on the supported Alarm Management functions.			

Plug-in integration

Third party cameras can be connected using device plug-ins that establish cyber-secure tunnels to the video relay of Bosch. Device plug-ins are available upon request from support.security-cloud@bosch.com.

Following camera platforms and models are supported:

Manufacturer	Supported camera platforms and models
Axis	Axis IP cameras via ACAP plug-ins: <ul style="list-style-type: none">– Camera platforms ARTPEC-5, ARTPEC-6 and ARTPEC-7
Vivotek	CC93xx, FD91xx, FD93xx, FE93xx IB93xx, IT93xx, MD95xx series, Schubert platform

Functional compatibility

Manufacturer (platform)	Supported functions		
	Alarm Management	Alarm Transmission	Cloud Storage
Axis ARTPEC-7	Live View (with Audio Intercom)	Not supported*	Continuous and event-based**

Manufacturer (platform)	Supported functions		
	Alarm Management	Alarm Transmission	Cloud Storage
Axis ARTPEC-6	Live View (with Audio Intercom)	Not supported*	Continuous and event-based**
Axis ARTPEC-5	Live View (with Audio Intercom)	Not supported*	Continuous and event-based**
Vivotek	Live View	Not supported*	Continuous and event-based**
* Alarm Transmission to external platforms is dependent on the supported Alarm Management functions.			
** Event-based includes pre-alarm and post-alarm.			

3 Camera compatibility list

The Bosch Security Cloud has been tested with the following 3rd party cameras, but is not limited to these models. New brands and models are continuously tested and integrated.

Axis ARTPEC-7
M1134, M1135, M1137, M1137-E
M3057-PLVE, M3058-PLVE
M3067-P, M3068-P
M3115-LVE, M3116-LVE
M7104
P1375, P1375-E, P1377, P1377-LE, P1378, P1378-LE, P1455-LE
P3245-LV, P3245-LVE, P3245-V, SP3245-VE, P3925-R, P3935-LR
P5654-E, P5655-E
P7304,
Q1615 Mk III, Q1615-LE Mk III
Q1798-LE
Q6074, Q6074-E, Q6075, Q6075-E, Q6075-S, V5925

Axis ARTPEC-6
M2025-LE
P1445-LE, P1445-LE-3, P1447-LE, P1448-LE
P3227-LV, P3227-LVE, P3228-LV, P3228-LVE, P3715-PLVE, P3717-PLE, P3807-PVE
P8815-2
Q1645, Q1645-LE, Q1647, Q1647-LE, Q1659, Q1700-LE, Q1785-LE, Q1786-LE
Q3515-LV, Q3515-LVE, Q3517-LV, Q3517-LVE, Q3517-SLVE, Q3518-LVE, Q3527-LVE
Q6215-LE
Q7436 Blade
Q8641-E, Q8642-E

Axis ARTPEC-5
M5054, M5055, M5065, M5525-E
M7011
P1244, P1245, P1254, P1264, P1265, P1275, P1280-E, P1290-E
P1435-LE

Axis ARTPEC-5
P3374-LV, P3374-V, P3375-LV, P3375-LVE, P3375-V, P3375-VE
P3904-R Mk II, P3905-R Mk II, P3915-R Mk II
Q1615 Mk II, Q1615-E Mk II
Q1941-E, Q1941-E PT Mount, Q1942-E, Q1942-E PT Mount
Q3615-VE, Q3617-VE
Q6055-C, Q6154-E, Q6155-E
Q8685-E, Q8685-LE, Q8741-E, Q8741-LE, Q8742-E, Q8742-LE

Vivotek
CC9381-HV
FD9166-HNF2, FD9166-HNF4, FD9360-H, FD9366-HVF2, FD9366-HVF4, FD9368-HTV
FD9380-H, FD9388-HTV, FE9380-HV
IB9360-H, IB9368-HT, IB9380-H, IB9388-HT, IT9360-H, IT9380-H, IT9388-HT, MD9560-DH, MD9560-H

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