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BVMS

A scalable system that grows with your needs



BVMS is a unique IP video security solution that provides seamless management of digital video, audio and data across any IP network.

The different editions of BVMS – Viewer, Lite, Plus, Professional and Enterprise – offer you full scalability, so you can expand your video surveillance system according to your needs and manage up to 200,000 cameras.

BVMS Viewer

BVMS Viewer allows you to access live and recorded data from Bosch video devices, making it the right fit for applications such as retail stores. It includes 16 camera channels free of charge and can be expanded to up to 500 cameras. Moreover, it features the following advantages:

- ▶ Easy to install and to use – the guided installation makes it easy to set-up a system in a couple of minutes. The software is provided as an e-license via e-mail.
- ▶ Motion and forensic search – search efficiently through video footage without additional costs.
- ▶ Live & Playback site and dynamic transcoding – use your BVMS Viewer to monitor up to 10,000 sites with access to HD images even with small bandwidth

DIVAR IP systems

The all-in-one video management appliances combine recording, video management and local operation, providing you with a complete, easy-to-install video recording system.

BVMS Lite, Plus, Professional and Enterprise

In contrast to the BVMS Viewer, BVMS Lite, Plus, Professional and Enterprise offer further functionalities next to accessing live and recorded video data:

- ▶ Intuitive alarm and event management – enables security operators to react quickly in case of an incident.
- ▶ Maximize resilience – keep operations up and running even when both, Management and Recording Servers fail.
- ▶ The extensive alarm management, map viewing capabilities, map-based tracking assistant and person identification* allow for a complete overview of the situation and provide the operator with the details he needs.

BVMS Lite is a fully functional demo version. It includes eight camera channels free of charge and can be expanded to up to 42 cameras.

BVMS Plus addresses mid-sized applications such as offices or warehouses, allowing you to manage up to 256 cameras at a very competitive price.

BVMS Professional is the suitable solution for larger applications like airports or commercial enterprises with a maximum number of 2,000 camera channels.

For very large applications with various sites, BVMS Plus and Professional support the **Enterprise functionality**, allowing you to connect multiple BVMS systems (Lite, Plus, Professional) and / or DIVAR IP all-in-one units. It supports managing up to 200,000 cameras by the total system and enables you to access up to 100 subsystems simultaneously.

Bosch Software Assurance: Our comprehensive software maintenance and support service is available in two options. GO is our basic software maintenance and support offering that is automatically included for all software products, without additional costs. PRO is our premium software maintenance and support service offering that includes our Bosch Software Assurance GO, plus several additional features. The options also apply to BVMS on the DIVAR IP systems.




* subject to regional availability

Quick Selection Guide

Video Management Systems



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| |  BVMS Viewer |  BVMS Lite |  DIVAR IP all-in-one 5000 |  DIVAR IP all-in-one 7000 |  BVMS Plus |  BVMS Professional |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| System features | | | | | | |
| Included cameras (max cameras) | 16 (500) | 8 (42) | 8 (42) | 8 (256) | 8 (256) | 8 (2.000) |
| Maximum number of workstations | 1 (1) | 2 (5) | 2 (5) | 5 (10) | 5 (10) | 5 (100) |
| Maximum number of clients | 1 | 5 | 5 | 10 | 10 | 100 |
| Maximum number of BVMS subsystems | – | – | – | 0 (20) | 0 (20) | 0 (100) |
| Maximum number of Bosch VRM servers | 32*** | 2 | 2 | 2 | 2 | 125 |
| Maximum storage capacity | n.a. | 2 x 2 PB | 3 x 48 TB | 5 x 192 TB | 2 x 2 PB | 125 x 2 PB |
| Forensic search | ● | ● | ● | ● | ● | ● |
| DVR support | 5 (5) | 1 (10) | 1 (10) | 1 (10) | 1 (10) | 1 (50) |
| Events and alarms | – | ● | ● | ● | ● | ● |
| Streamlining | – | ● | ● | ● | ● | ● |
| GPU decoding | ● | ● | ● | ● | ● | ● |
| Remote access | – | ● | ● | ● | ● | ● |
| Dynamic transcoding | ● | ●** | ● | ● | ●** | ●** |
| Web client | – | ● | ● | ● | ● | ● |
| Bosch Mobile Video Client App support | 1 (1) | 1 (1) | 1 (1) | 1 (4) | 1 (4) | 1(5) |
| Keyboard support | 1 (1) | 2 (5) | 2 (5) | 5 (10) | 5 (10) | 5 (100) |
| Offline map functionality | – | ● | ● | ● | ● | ● |
| Online map functionality | – | ● | ● | ● | ● | ● |
| Map-based tracking assistant | – | ● | ● | ● | ● | ● |
| Audio support | ● | ● | ● | ● | ● | ● |
| BVMS Config Wizard | – | ● | ● | ● | ● | ● |
| Live & Playback sites | 16 | – | – | 1 (20) | 1 (20) | 1 (9999) |
| Person Identification* | – | 0 (42) | 0 (42) | 0 (256) | 0 (256) | 0 (2000) |
| Supported camera devices | | | | | | |
| Bosch panoramic cameras | ● | ● | ● | ● | ● | ● |
| Bosch UHD cameras | ● | ● | ● | ● | ● | ● |
| Bosch HD cameras | ● | ● | ● | ● | ● | ● |
| Bosch SD/ VGA cameras | ● | ● | ● | ● | ● | ● |
| Third party ONVIF Profile S cameras | ● | ● | ● | ● | ● | ● |
| Bosch H.265 cameras | ● | ● | ● | ● | ● | ● |
| Redundancy | | | | | | |
| Automatic Network Replenishment (ANR) | – | ● | ● | ● | ● | ● |
| VMware® vSphere/ Microsoft Hyper-V Virtualization support | – | ● | – | – | ● | ● |
| VMware® vSphere High Availability support | – | ● | – | – | ● | ● |
| Microsoft Hyper-V Failover Cluster and Hyper-V Replica support | – | ● | – | – | ● | ● |
| Failover VRM | – | 8 (42) | 8 (42) | 8 (256) | 8 (256) | 8 (2000) |
| Dual Recording | – | 8 (42) | 8 (42) | 8 (256) | 8 (256) | 8 (2000) |
| Alarm management | | | | | | |
| Logbook | – | ● | ● | ● | ● | ● |
| Events and alarms | – | ● | ● | ● | ● | ● |
| Email notification | – | ● | ● | ● | ● | ● |
| SMS notification | – | ● | ● | ● | ● | ● |
| Alarm-based recording | n.a. | ● | ● | ● | ● | ● |
| Motion recording | n.a. | ● | ● | ● | ● | ● |
| Video Analytics events | – | ● | ● | ● | ● | ● |
| SNMP support | – | ● | ● | ● | ● | ● |
| Workflow with instructions on alarm | – | ● | ● | ● | ● | ● |
| Integration | | | | | | |
| Maximum number of Bosch B/G Series intrusion panels | – | 1 (5) | 1 (5) | 1 (10) | 1 (10) | 1 (40) |
| Access Management System | – | 5 (5) | 5 (5) | 5 (5) | 5 (5) | 5 (5) |
| I/O module support | – | ● | ● | ● | ● | ● |
| Active directory | ● | ● | ● | ● | ● | ● |
| ATM-POS support | – | ● | ● | ● | ● | ● |
| Additional data | – | ● | ● | ● | ● | ● |
| License plate recognition | – | 0 (5) | 0 (5) | 0 (10) | 0 (10) | 0 (50) |
| Software Development Kit (SDK) | – | ● | ● | ● | ● | ● |

Legend: * subject to regional availability ** additional hardware required *** limited

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DIVAR IP all-in-one 5000



DIVAR IP all-in-one 7000

| Licensing | | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BVMS 10.1 and lower | MBV-BLIT-DIP (32) MBV-1CHAN-DIP MBV-1DUR-DIP MBV-1FOV-DIP MBV-XWST-DIP MBV-XDVR-DIP MBV-XKBD-DIP MBV-XINT-DIP MBV-XPI-DIP MBV-XLPR-DIP | MBV-BPLU-DIP (32) MBV-1CHAN-DIP MBV-1DUR-DIP MBV-1FOV-DIP MBV-XWST-DIP MBV-XDVR-DIP MBV-XKBD-DIP MBV-XMVS-DIP MBV-XINT-DIP MBV-XPI-DIP MBV-XSITE-DIP MBV-XLPR-DIP MBV-XSUB-DIP |
| BVMS 11.0 and higher | MBV-BLIT-DIP (32) MBV-XCHANLIT MBV-XWSTLIT MBV-XDURLIT MBV-XKBDLIT MBV-XFOVLIT MBV-XDURLIT MBV-XINTLIT MBV-XPILIT MBV-XLPRLIT | MBV-BPLU-DIP (32) MBV-XCHANPLU MBV-XWSTPLU MBV-XDVRPLU MBV-XKBDPLU MBV-XMVSPLU MBV-XFOVPLU MBV-XDURPLU MBV-XSITEPLU MBV-XINTPLU MBV-XIPLU MBV-XLPRPLU MBV-XSUBPLU |
| Software Assurance | | |
| MBV-BLIT8-DIP | <ul style="list-style-type: none"> Assurance Go automatically included Upgrade to Pro not possible | <ul style="list-style-type: none"> Assurance Go automatically included Upgrade to Pro not possible |
| Activation before April 2021 | 3 years Assurance Pro included (starting from date of activation) | 3 years Assurance Pro included (starting from date of activation) |
| Activation after April 2021 | Assurance Go included, Pro needs to be purchased (MBV-MLIT-DIP and corresponding extension licenses) | Assurance Go included, Pro needs to be purchased (MBV-MPLU-DIP and corresponding extension licenses) |
| MBV-XCHAN-DIP (DIP-71) | Activation before April 2021: Assurance Pro until 10th October 2023 Activation after April 2021: Assurance Go included, Pro needs to be purchased (MBV-MLIT-DIP) | Activation before April 2021: Assurance Pro until 10th October 2023 Activation after April 2021: Assurance Go included, Pro needs to be purchased (MBV-MLIT-DIP) |