



# 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 (BVMS) 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 and the map-based tracking assistant 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 governmental facilities or power plants, 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.

# Quick Selection Guide

## Video Management Systems

Hardware	 BVMS Viewer	 BVMS Lite	 DIVAR IP all-in-one 4000	 DIVAR IP all-in-one 6000	 DIVAR IP all-in-one 7000	 BVMS Plus	 BVMS Professional
Software base license	MBV-BVWR	MBV-BLIT	MBV-BLIT-DIP	MBV-BPLU-DIP	MBV-BPLU-DIP	MBV-BPLU	MBV-BPRO
<b>System features</b>							
Included camera licenses (max no.)*	16 (500)	8 (42)	32 (32)	32 (64)	32 (256)	8 (256)	8 (2000)
Included workstation licenses (max no.)*	1 (1)	2 (5)	2 (5)	5 (20)	5 (20)	5 (20)	5 (100)
Included keyboard licenses (max no.)*	1 (1)	2 (5)	2 (5)	5 (10)	5 (10)	5 (10)	5 (100)
Included DVR licenses (max no.)*	5 (32)	1 (10)	1 (10)	1 (10)	1 (10)	1 (10)	1 (50)
Included Subsystem licenses (max no.)				0 (20)	0 (20)	0 (20)	0 (100)
Included Live and Playback site licenses (max. no.)*	16 (9999)			1 (20)	1 (20)	1 (20)	1 (9999)
Maximum number of Bosch VRM servers	32 <sup>1</sup>	2	2	2	2	2	125
Maximum storage capacity	n.a.	2 x 4 PB	3 x 36 TB	5 x 72 TB	5 x 192 TB	2 x 4 PB	125 x 4 PB
Forensic search	■	■	■	■	■	■	■
Events and alarms		■	■	■	■	■	■
Streamlining		■	■	■	■	■	■
GPU decoding	■	■	■	■	■	■	■
Remote access		■	■	■	■	■	■
Dynamic transcoding	■	■ <sup>2</sup>	●	●	●	■ <sup>2</sup>	■ <sup>2</sup>
Web client		■	■	■	■	■	■
Offline map functionality		■	■	■	■	■	■
Online map functionality		■	■	■	■	■	■
Map-based tracking assistant		■	■	■	■	■	■
Audio support	■	■	■	■	■	■	■
Decoder support		■	■	■	■	■	■
BVMS Config Wizard		■	■	■	■	■	■
Privacy overlay		■	■	■	■	■	■
<b>Redundancy</b>							
Included Failover VRM channel licenses (max no.)*		8 (42)	8 (32)	8 (64)	8 (256)	8 (256)	8 (2000)
Included Dual Recording VRM channel licenses (max no.)*		8 (42)	8 (32)	8 (64)	8 (256)	8 (256)	8 (2000)
Automatic Network Replenishment (ANR)		■	■	■	■	■	■
Virtualization support**		■				■	■
<b>Alarm management</b>							
Logbook		■	■	■	■	■	■
Events and alarms		■	■	■	■	■	■
Email notification		■	■	■	■	■	■
Alarm-based notification	n.a.	■	■	■	■	■	■
Motion recording	n.a.	■	■	■	■	■	■
Video Analytics events		■	■	■	■	■	■
SNMP support		■	■	■	■	■	■
Workflow with instructions on alarm		■	■	■	■	■	■
<b>Integration</b>							
Included B/G Intrusion Panel licenses (max no.)		1 (5)	1 (5)	1 (10)	1 (10)	1 (10)	1 (40)
Access Management System available integrations		5	5	5	5	5	5
Included LPR licenses (max no.)		0 (5)	0 (5)	0 (10)	0 (10)	0 (10)	0 (50)
I/O module support		■	■	■	■	■	■
Active directory	■	■	■	■	■	■	■
ATM-POS support		■	■	■	■	■	■
Additional data		■	■	■	■	■	■
Software Development Kit (SDK)		■	■	■	■	■	■

<sup>1</sup> Limited

<sup>2</sup> Additional hardware required

\* Included quantities refer to the base package. Please refer to the corresponding datasheet for details of DIVAR IP licensing and prelicensed quantities.

\*\* Please refer to the separate document: Virtualization - concept explained (LINK: <https://community.boschsecurity.com/t5/Security-Video/What-is-virtualization-A-concept-explained/ta-p/3914>)

# Quick Selection Guide

## Video Management Systems



DIVAR IP all-in-one 4000



DIVAR IP all-in-one 6000



DIVAR IP all-in-one 7000

### Licensing

#### BVMS 11.0 and higher

DIVAR IP all-in-one 4000 and 6000 start support from BVMS 11.1.1 and higher

Base license	MBV-BLIT-DIP	MBV-BPLU-DIP	MBV-BPLU-DIP
Channel	-	MBV-XCHANPLU	MBV-XCHANPLU
Dual Recording channel	MBV-XDURLIT	MBV-XDURPLU	MBV-XDURPLU
Failover channel	MBV-XFOVLIT	MBV-XFOVPLU	MBV-XFOVPLU
Workstation	MBV-XWSTLIT	MBV-XWSTPLU	MBV-XWSTPLU
Keyboard	MBV-XKBDLIT	MBV-XKBDPLU	MBV-XKBDPLU
DVR	MBV-XDURLIT	MBV-XDVRPLU	MBV-XDVRPLU
Intrusion panel	MBV-XINTLIT	MBV-XINTPLU	MBV-XINTPLU
LPR camera	MBV-XLURLIT	MBV-XLPRPLU	MBV-XLPRPLU
Online map	MBV-FMAPLIT	MBV-FMAPPLU	MBV-FMAPPLU
Map-based Tracking Assistant	MBV-FOBJLIT	MBV-FOBJPLU	MBV-FOBJPLU
Unmanaged site	-	MBV-XSITEPLU	MBV-XSITEPLU
Subsystem	-	MBV-XSUBPLU	MBV-XSUBPLU
Mobile Video Service	-	MBV-XMVSPLU	MBV-XMVSPLU
Privacy overlay	MBV-FPRILIT	MBV-FPRIPLU	MBV-FPRIPLU

#### BVMS 10.1 and lower

Not supported by DIVAR IP all-in-one 4000 and 6000

Base license			MBV-BPLU-DIP
Channel			MBV-1CHAN-DIP
Dual Recording channel			MBV-1DUR-DIP
Failover channel			MBV-1FOV-DIP
Workstation			MBV-XWST-DIP
Keyboard			MBV-XKBD-DIP
DVR			MBV-XDVR-DIP
Intrusion panel			MBV-XINT-DIP
LPR camera			MBV-XLPR-DIP
Online map			-
Map-based Tracking Assistant			-
Unmanaged site			MBV-XSITE-DIP
Subsystem			MBV-XSUB-DIP
Mobile Video Service			MBV-XMVS-DIP

### Software assurance

Software Assurance Policy	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)	Assurance Go included, Pro needs to be purchased (MBV-MPLU-DIP and corresponding extension licenses)
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# Quick Selection Guide

## Video Management Systems



**BVMS Viewer**



**BVMS Lite**



**BVMS Plus**



**BVMS Professional**

### Licensing

#### BVMS 11.0 and higher

Licenses version independent

	MBV-BVWR	MBV-BLIT	MBV-BPLU	MBV-BPRO
Base license	MBV-BVWR	MBV-BLIT	MBV-BPLU	MBV-BPRO
Channel	MBV-XCHANVWR	MBV-XCHANLIT	MBV-XCHANPLU	MBV-XCHANPRO
Dual Recording channel	-	MBV-XDURLIT	MBV-XDURPLU	MBV-XDURPRO
Failover channel	-	MBV-XFOVLIT	MBV-XFOVPLU	MBV-XFOVPRO
Workstation	-	MBV-XWSTLIT	MBV-XWSTPLU	MBV-XWSTPRO
Keyboard	-	MBV-XKBDLIT	MBV-XKBDPLU	MBV-XKBDPRO
DVR	MBV-XDVRVWR	MBV-XDURLIT	MBV-XDVRPLU	MBV-XDVRPRO
Intrusion panel	-	MBV-XINTLIT	MBV-XINTPLU	MBV-XINTPRO
LPR camera	-	MBV-XLURLIT	MBV-XLPRPLU	MBV-XLPRPRO
Online map	-	MBV-FMAPLIT	MBV-FMAPPLU	MBV-FMAPPRO
Map-based Tracking Assistant	-	MBV-FOBJLIT	MBV-FOBJPLU	MBV-FOBJPRO
Unmanaged site	MBV-XSITEVWR	-	MBV-XSITEPLU	MBV-XSITEPRO
Subsystem	-	-	MBV-XSUBPLU	MBV-XSUBPRO
Mobile Video Service	-	-	MBV-XMVSPLU	MBV-XMVSPRO
Privacy overlay	-	MBV-FPRILIT	MBV-FPRIPLU	MBV-FPRIPRO

#### BVMS 10.1 and lower

Licenses version dependent, "xyz" indicating corresponding BVMS version

	MBV-BVWR-xyz	MBV-BLIT-xyz	MBV-BPLU-xyz	MBV-BPRO-xyz
Base license	MBV-BVWR-xyz	MBV-BLIT-xyz	MBV-BPLU-xyz	MBV-BPRO-xyz
Channel	MBV-XCHAN-VWR	MBV-XCHANLIT-xyz	MBV-XCHANPLU-xyz	MBV-XCHAN-xyz
Dual Recording channel	-	MBV-XDURLIT-xyz	MBV-XDURPLU-xyz	MBV-XDUR-xyz
Failover channel	-	MBV-XFOVLIT-xyz	MBV-XFOVPLU-xyz	MBV-XFOV-xyz
Workstation	-	MBV-XWSTLIT-xyz	MBV-XWSTPLU-xyz	MBV-XWST-xyz
Keyboard	-	MBV-XKBDLIT-xyz	MBV-XKBDPLU-xyz	MBV-XKBD-xyz
DVR	MBV-XDVR-VWR	MBV-XDURLIT-xyz	MBV-XDVRPLU-xyz	MBV-XDVR-xyz
Intrusion panel	-	MBV-XINTLIT-xyz	MBV-XINTPLU-xyz	MBV-XINT-xyz
LPR camera	-	MBV-XLURLIT-xyz	MBV-XLPRPLU-xyz	MBV-XLPR-xyz
Online map	-	-	-	-
Map-based Tracking Assistant	-	-	-	-
Unmanaged site	MBV-XSITE-VWR	-	MBV-XSITEPLU-xyz	MBV-XSITE-xyz
Subsystem	-	-	MBV-XSUBPLU-xyz	MBV-XSUB-xyz
Mobile Video Service	-	-	MBV-XMVSPLU-xyz	MBV-XMVS-xyz

### Software assurance

Software Assurance Policy	Assurance Go included, Pro needs to be purchased (MBV-MVWR for the system)	Assurance Go included, Pro needs to be purchased (MBV-MLIT and corresponding extension licenses)	Assurance Go included, Pro needs to be purchased (MBV-MPLU and corresponding extension licenses)	Assurance Go included, Pro needs to be purchased (MBV-MPRO and corresponding extension licenses)
Software Assurance Policy	Assurance Go included, Pro needs to be purchased (MBV-MVWR for the system)	Assurance Go included, Pro needs to be purchased (MBV-MLIT and corresponding extension licenses)	Assurance Go included, Pro needs to be purchased (MBV-MPLU and corresponding extension licenses)	Assurance Go included, Pro needs to be purchased (MBV-MPRO and corresponding extension licenses)