



From	Product Manager	Telephone	Nuremberg
STVC/PRM		+49 911 93456 0	25.06.2010

Release Letter

Product:	<i>Viewer</i>
Version:	<i>3.21.0001</i>

This letter contains latest information about the above mentioned software.

1. General

Viewer 3.21 is software for live viewing of Bosch Video IP cameras and encoders.

Viewer 3.21.0001 is part of BVIP Lite Suite 3.21.

BVIP Lite Suite 3.21 is a maintenance version of the BVIP Lite Suite 3.20.
Existing installations of BVIP Lite Suite can be upgraded to this version.
Applied licenses will still be valid.



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2. New Features

- None

3. Changes

- Small improvements and bug fixes.

4. Restrictions; Known Issues

- Audio functions in VIP X are not fully supported.
- When unit access is configured as via HTTP the audio backchannel (talking) is not possible.
- Avira SafeGuard crashes Viewer and therefore must be deactivated to run Viewer. This might also happen with other anti-virus checkers.
- On some PCs respectively graphic adapters a green line on the right side of the video might be displayed.
- On some PCs respectively graphic adapters motion and VCA overlay might not be displayed.
- When taking a snapshot from the video the horizontal size respectively the aspect ratio may be wrong.
- All tampering alarms are shown as input alarms in the alarm list.
- User logged in as "guest" can print or save snapshot in instant replay despite right is disabled for live viewing.
- When using F4 to enable audio back channel the audio out at the camera or encoder carries both the camera audio input and the PC microphone mixed together. A remote listener will also hear his own voice.



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5. System Requirements

Hardware	Personal Computer
CPU	Dual Core, 3.0 GHz or better
RAM	min. 2 GB
OS	Windows XP Home/XP Professional SP2/SP3, Windows Vista SP1/SP2
Graphic Card	refer to MPEG-ActiveX 4.42.03.09
Ethernet Card	100 Mbps
Sound Card	Recommended
Software	DirectX 9.0c MPEG-ActiveX 4.42.03.09 Configuration Manager 3.21.0002 or newer
Free Memory (Installation)	145 MB (.NET environment, Viewer, Archive Player, Configuration Manager, MPEG-ActiveX)