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Release Letter

Products:	<i>AutoDome IP, Dinion IP, Flexidome IP VIP X1600, VIP XD VideoJet X10 / X20 / X40</i>
Version:	<i>3.50.0008</i>

This letter contains latest information about the above mentioned firmware version.

1. General

VIP X firmware version 3.50.0008 is an update release for the Bosch Video IP platform products, applicable for all mentioned products above, excluding VIP X1 and VIP X2.

The graphical user interface supports 18 languages, while online help files in this release are German and English only. Other languages will be added with a later release.

Note: All units to be upgraded to this version need to have firmware 2.5x or newer installed previously.

2. New Features

- IVA 3.50 algorithm is included in this firmware, providing colour detection in addition to IVA 3.0 possibilities like “follows path”, “crosses line / multiple lines”, “object changes”, improved loitering detection and FIR support.
- Enhanced possibilities for creating VCA-based alarm reactions due to a script-based event rule engine, that also provides an easy-to-use IVA Task Wizard to also include colour. Documentation about the IVA Task Scripting Language is available and included in the product CD.

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3. Restrictions; Known Issues

- Mixture between video standards, e.g. PAL encoder connected to NTSC decoder, is not supported.
- The scan network function of the decoder works only within a subnet.
- In QCIF resolution, stamping is not available.
- Only 1 audio channel for VIP XDA in single view, no audio in quad-view.
- No back (talk) channel from VIP XDA to VIP X2A when connected to video input 2.
- No audio connection between VJ1000 and VIP XDA, only video connection possible.
- Occasional audio drop-outs may occur when replaying recordings from USB hard drive when recording with high performance is active. The recording itself has all data, and a local backup allows to smoothly retrieve all inclusive audio data.
- When decoding multiple video streams in parallel with a VIP XD, the visible video quality on the display may be reduced, especially for 4CIF/D1 streams. This has no effect on the quality of recordings of the same stream(s).
- With encoder settings in combination with video content analysis (VCA) that exceed the available calculation power, VCA may not always work properly. Encoder settings and/or sensitive area settings for VCA must be adjusted.
- SNMP MIB II is only partially supported for trap generation.
- After firmware upload while summertime checkbox is activated the time zone must be adjusted.
- After firmware update it is recommended to erase and re-create recording partitions.
- After reboot, the system time re-synchronisation may be delayed up to 9 seconds for SNTP respectively up to 14 seconds for time server protocol.
- VIP X1600 with iSCSI recording over GigaBit Ethernet needs GigaBit Flow Control enabled.
- Resolutions for RTSP are depending on player capability.

4. System Requirements

- Microsoft Internet Explorer 6.0 or higher
- SUN Java Virtual Machine version 1.50.0.11 with SSL support or newer
- DirectX 9.0c
- MPEG-ActiveX 4.24.01.02 or newer
- Configuration Manager 1.71.0013 or newer