

From STVC/PRM	Product Management	Telephone +49 911 93456 0	Nuremberg 10.08.2009
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Release Letter

Products:	<p><i>AutoDome IP, Extreme IP</i></p> <p><i>Dinion IP, Flexidome IP</i></p> <p><i>VIP X1600, VIP XD</i></p> <p><i>VideoJet X10 / X20 / X40 / SN</i></p>
Version:	3.53.0003

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

1. General

VIP X firmware version 3.53.0003 is an update/bug fix release for the Bosch Video IP platform products, based on firmware version 3.52.0015, applicable for all mentioned products above (not for VIP X1 and VIP X2).

Note:

All units to be upgraded to this version need to have firmware 2.5x or 3.x installed previously.

2. Changes

- Retention time handling for use with VRM Video Recording Manager 2.0 has been corrected.
- DHCP handling has been improved.
- New types of Flash ROM have been introduced in production (no functional differences).

Note:

Products from most recent production, using these new Flash ROM types, can not be downgraded to earlier firmware versions.

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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 footage 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.
- Resolutions for RTSP are depending on player capability.
- AUX commands with VideoJet X family are only possible for Autodomes.
- Ethernet daisy-chaining of VIP-X1600-XFB or VideoJet X is limited to 3 units.
- LUN size for local recording via "Direct iSCSI" is limited to 2 TB.
All previous releases have a LUN size limit of 1 TB though not being mentioned yet. Using LUNs bigger than this limit with earlier firmware versions may cause severe non-recoverable recording errors in partitions that reach beyond 1 TB.
- VRM versions earlier than 1.2 will not be able to replay recordings from blocks that are currently being recorded or which were not correctly closed due to e.g. a device reset or a network error.
This is also valid for all management software utilizing VRM versions below 1.2.

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4. Notes on Firmware Upgrade

Applicable only when updating from firmware version older than 3.52.0008:

- When updating firmware on a VIP X1600 ensure that first modules 2 to 4 are updated before module 1. Otherwise it may happen that module 1 finishes first and interrupts the network connection, causing the other uploads to fail.
- Same is valid for daisy-chained units like it could be possible with the VideoJet X series. Start with last in chain first.
- Firmware 3.52 and beyond fix the problems with daisy-chaining and built-in switch reboot.

5. System Requirements

- Microsoft Internet Explorer 6.0 or higher
- SUN Java Virtual Machine version 1.5.0_11 with SSL support or version 1.6.0_3
- DirectX 9.0c
- MPEG-ActiveX 4.27.00.06 or newer
(also compatible to MPEG-ActiveX 3.03.0009 but limited functionality)
- Configuration Manager 1.72.0018 or newer