



From STDN/PRM	Product Management	Telephone +49 911 93456 11	Nuremberg 16.09.2011
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Release Letter

Product:	<i>VIP-XDHD</i>
Version:	<i>Firmware 1.04</i>

This letter contains latest information about the above mentioned product.

1. General

This initial release covers the HD Decoder VIP-XDHD.



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2. Features

- VIP-XDHD displays high definition and standard definition video from cameras and encoders using H.264 or MPEG-4 encoding at up to 30 images per second over IP networks.
- It can decode four H.264 720p30 streams at 10 Mbps or two 1080p30 streams at 10 Mbps.
- Alternatively it can simultaneously decode six H.264 Standard Definition streams at up to 6 Mbps from fast-moving AutoDome cameras.
- When H.264 Standard Definition streams at up to 2.5 Mbps from medium activity scenes are connected, up to twelve streams can be displayed.
- VIP-XDHD is based on the latest Intel H67 Express Chipset on a Mini-ITX board with a Core i3 CPU running at 3.1 GHz.
- The system has an 8 GB Flash module as boot medium for operating system and application.
- It uses a Gigabyte Ethernet port.
- The system runs a tailored and Bosch-branded Microsoft Windows 7 Embedded operating system, and Monitor Wall software based on HD-capable VideoSDK 5, both fine-tuned for High Definition video decoding support.
- VIP-XDHD provides three monitor outputs, DVI-I, HDMI and DP; only one of these can be used at a time.
- Monitor Resolutions are:
 - DVI-I 1920 x 1200 max (WUXGA) at 60 Hz
 - HDMI 1920 x 1200 max (WUXGA) at 60 Hz
 - DP 2560 x 1600 max (WQXGA) at 60 Hz
- The system can be directly mounted to the back of a monitor, using the VESA mount options of 75 mm (2.953 in) or 100 mm (3.937 in).
- Configuration is made using the Configuration Manager.
- System access is password-protected with two levels.
- The system firmware can be upgraded remotely.
- Operation is possible
 - with Bosch Video Client 1.2 and
 - with Bosch Video Management System 3.0

For detailed technical specification please refer to the datasheet.



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3. Restrictions; Known Issues

- Intuikey keyboard is not supported.
- IP Matrix license is not supported.
- Incoming alarm connections are not supported.
- Audio is not supported.
- BVMS 3.0 only supports single and quad layout.
- Monitors, not providing correct resolution info, may only function accidentally, or after manual setting of display parameters.
- Analogue monitors are not supported.
- AES Encryption is not yet supported with this firmware release.
- Connecting encrypted streams may result in crashing the software decoder instance, resulting in black video displayed.
- ONVIF 2.0 conformance is not yet provided with this firmware release.
(Earlier ONVIF specifications do not include decoder support yet.)

4. System Requirements

For configuration purposes:

- Configuration Manager 4.22.0018 or newer

For operation purposes:

- BVC 1.2 or newer
- BVMS 3.0 or newer