



From	Product Management	Telephone	Nuremberg
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Release Letter

Product:	<i>DIVAR IP 7000 Family (revision 2)</i>
Version:	<i>OS image version 1.00 (initial release)</i>

This letter contains latest information about the above mentioned Bosch DIVAR IP 7000 Family.

1. General

DIVAR IP 7000 is an affordable, simple and reliable all-in-one recording, viewing and management solution for network surveillance systems of up to 128 channels (with 32 channels pre-licensed).

Running the full Bosch VMS (Video Management System) solution and powered by Bosch Video Recording Manager software, DIVAR IP 7000 is an intelligent IP storage device that eliminates the need for separate NVR (Network Video Recorder) server and storage hardware.

It combines advanced recording management and state-of-the-art iSCSI storage into a single cost-effective, plug and play IP recording appliance for IT-minded customers which are seeking for a state-of-the-art "second generation" NVR recording solution.

2. Restrictions; Known Issues

- Graphics Port: The Mini DisplayPort must be used for configuration. Do not use the VGA port for configuration.
- Initial installation: During initial boot and installation the system must be connected to the network.
- SuperDoctor 5 returns unknown state of SSD mirror. Intel RST tool can be used for SSD health monitoring instead.
- Mobile Video Service runs with low priority to avoid performance conflicts. It can provide up to four streams in 1080p resolution to the DIVAR IP 7000 web interface. If the system is loaded with other task (e.g. local viewing) performance may be lower.
- System setup requires a separate Appliance BVMS Installer package to complete the initial installation. The Appliance BVMS Installer is part of Recovery DVD 2. Latest versions are available on the product catalogue.
- Restrictions of the limited user account prevent local DVD burning functionality.
Solution: Use Remote Export option and select DVD_ROM drive as destination.
- Supported Client versions are listed in corresponding Appliance BVMS Installer release notes
- 3rd party device support restrictions are listed in corresponding Bosch VMS release notes



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3. New subcomponent software versions

- Windows Storage Server 2012 R2
- SuperDoctor 5 (5.2.0)
- Intel Media Server Studio 2015 R6
- ATM POS Service 1.0.0009

4. New Features

Setup

- Option to import custom Appliance BVMS Installer version during initial setup
- DVD based recovery mechanism

Performance

- Hardware transcoding for Ultra High Definition video streams
- Recording bandwidth increase (detailed values listed in data sheet)

Monitoring

- Improved SNMP functionality including traps via SuperDoctor 5
- Low level system health monitoring via IPMI – OS independent

Reliability

- Intel Rapid Storage Technology tool for management of redundant OS drives
 - Watchdog: initiates system reboot in case of low level OS failures
- Note:** The watchdog functionality can be enabled as a BIOS setting. It needs to be disabled during system recovery.

5. Applied Changes / Bug Fixes

N/A – initial version

6. Installation Notes

During initial setup the system shows a software selection screen. The user can decide, whether the pre-loaded Bosch VMS version or a custom version shall be installed. Appliance BVMS Installer packages and the corresponding release notes can be downloaded from the product catalogue. The first Appliance BVMS Installer package is based on Bosch VMS version 6.0.

7. History

N/A – initial version