



From
ST-VS/MKP1

Product Management

Nuremberg

17.10.2014

Release Letter

Product:	<i>Monitor Wall</i>
Version:	<i>8.00.0025</i>

This letter contains latest information about the above mentioned product.

1 General

Monitor Wall 8.0 supports video with up to 4K (UHD, 8 MP) resolutions and the latest Bosch HD and megapixel cameras.

Existing installations of Monitor Wall can be upgraded to this version.
Applied licenses will still be valid.

Changes since last release are marked in [blue](#).



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2 New Features

- Monitor Wall 8.0 now supports multiple monitors with separately configurable layout. The restriction that dual monitors are only possible in span mode has been solved.
- Reconnect last devices
Active camera connections are stored and automatically reconnected after reboot.
To avoid deadlock in case of an overload situation the automatic reconnect will be deactivated after VIP-XDHD was forced into reboot for 3 times within 10 minutes.
- TCP connections are supported.
- Discovery port is configurable.
- Cameo distance is configurable.
- Audio is supported in single view.
- The RCP+ command CONNECT_PRIMITIVE is supported.
- The number of decoders can be configured to match licensing in management systems.
The number of allowed decoders per monitor is calculated from the number of decoders divided by the number of monitors. Layout selection will be restricted to those with number of cameos not exceeding the number of allowed decoders per monitor by 20%.
- A video stretch mode allows using the full cameo space when accepting distortion.
- Resolutions up to 8 MP are supported but may fall back to I-frame-only display mode if system runs into performance issues.
- Cameo 1:1 selection added to allow 3x2 layout on a 16:9 or 16:10 monitor.
- Connection text displayed within empty cameo can be hidden.
- Hidden Web page added to reset password via our Service & Support.

3 Changes

- VideoSDK overlay icons are only displayed if metadata display is enabled.
- Addressing of the layout per monitor has changed and is now compatible with VJD-7000 with FW 54.8.0 and VIP-XDHD FW 1.8.0.



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4 Restrictions; Known Issues

- ~~• Dual monitors can only be used in span mode configuration.~~
- ~~• Alarm connections from encoders or cameras are not supported by Monitor Wall.~~
- ~~• IP address change by remote does not automatically restart Monitor Wall. Manual restart is required.~~
- Monitor Wall 8.0 is not supported by VIDOS.
- IntuiKey keyboard is not supported.
- IP Matrix license is not supported.
- Analogue monitors are not supported.
- AES Encryption is not yet supported.
Connecting encrypted streams without proper signalling may result in crashing the software decoder instance, resulting in black video displayed.
- Alarms will not be signaled with a red border around the cameo if connection was established using CONNECT_PRIMITIVE.
- Using CONNECT_PRIMITIVE via TCP is not possible.
- CONNECT_PRIMITIVE does not support "first available" feature.
- Audio may remain audible despite layout change to other than single view.
- RCP+ command CONF_ALARM_CONNECT_TO_IP is not supported.
- Alarm connection does not support audio.
- Maximum password length is 19 characters.
- ONVIF 2.0 conformance is not yet provided with this firmware release.
(Earlier ONVIF specifications do not include decoder support yet.)
- Monitor Wall 8.0 is supported by BVMS 4.5.x only with a single monitor.
- Audio level control is only possible with active speakers connected.
- To run Monitor Wall on a Windows 7 system with correct licensing, the below steps must be followed. Otherwise it will run with 30-day demo license only.
 - Install Monitor Wall and Configuration Manager
 - Run Configuration Manager as admin (mandatory for moving license to correct place) and set license (license can only be set if Configuration Manager is running as admin)
 - Run Monitor WallBoth applications must be run as admin at least once to create the correct link to the valid license file.
- **Monitor Wall 8.0 is not supported on Windows XP.**



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Note:

A new installation of Monitor Wall 8.0 requires licensing which can only be done by using Configuration Manager 4.46.

New features then can be configured by using Configuration Manager 5.01 or newer.

It is therefore advised to install both versions one after the other, or in parallel within different directories.

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 7 Windows 8
Graphic Card	Refer to MPEG-ActiveX 5.71
Ethernet Card	100 Mbps
Sound Card	Recommended
Software	DirectX 9.0c Configuration Manager 4.46 and 5.01 or newer
Free Memory (Installation)	200 MB (.NET environment, Monitor Wall, Configuration Manager, MPEG-ActiveX)

For licensing purposes:

- [Configuration Manager 4.46](#)

For configuration purposes:

- Configuration Manager 5.01 or newer

For operation purposes:

- Bosch Video Client 1.4 SR3 or newer
- Bosch Video Management System 4.5.5 or newer

For 3rd party software integration check with IPP.

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6 Previous Revisions

6.1 *New Features with version 5.01.0006*

- Support for HD video with 720p and 1080p resolution.
- Support for latest H.264 and HD BVIP devices.
- Video smoothing capability has been added.
- System parameters can be set remotely via Configuration Manager.

6.2 *Changes with version 5.01.0006*

- Integration of MPEG-ActiveX 5.07 for improved HD support.
This MPEG-ActiveX version is dedicated for Monitor Wall 5.01 only and shall not be installed anywhere else. A released MPEG-ActiveX 5.10 is available and should be used instead.