



RELEASE NOTES

OpenEye Server Software v5.1.0.81

release date 10/8/18

These release notes highlight changes and new features in OpenEye Server Software version 5.1.0.8103. This document includes technical information only. For more in-depth instructions, please refer to the Software Manual or OpenEye.net.

COMPATIBILITY

- All Generation 5 N-Series, X-Series, and H-Series OpenEye Professional Grade recorders
- All Generation 6 OpenEye Professional Grade recorders

Note: OpenEye Server Software 5.1 requires Windows 7 64bit. If you are upgrading on a recorder using Windows 7 32bit, you will need to purchase a Windows 7 64bit repair disk.

EXCLUDES

- Generation 5 Super Hybrid Recorders (OE5-XSH) shipped between 11-16-2011 and 08-21-1012
- All Generation 1 (P/N HDDR -) and Generation 2 (P/N HDDR -)
- Professional Grade recorders OE3 through OE4
- All Commercial Recorders (E-Series)
- All EasyDVRs

NEW CHANGES (v5.1.0.81)

- **NEW** ONVIF support added for the OE-8213.
- **NEW** Added support for DSI 12MP fisheye and UNV cameras.
- **UPDATED** Updated SearchScreen.dll
- **UPDATED** Updated dbcleaner files

PRIOR CHANGES (v5.1.0.55 TO v5.1.0.80)

- **NEW** AUX PTZ button sends AF command to OE AF camera models
- **NEW** Generic dewarp support added - This function allows several corrected (dewarped) view types and eptz for cameras with fisheye lenses, combined with panomorph support for Immersion lenses means nearly all 360 view cameras should be supported
- **NEW** Function to start server in minimized mode
- **NEW** Windows 10 support
- **IMPROVED** RTSP DSI now has a dynamic keepalive function which should improve compatibility with 3rd party cameras
- **IMPROVED** ReportStar spec updated to latest version as of Nov-2015. Major changes revolve around implementing more robust retry attempts when a network or server error occurs
- **IMPROVED** Support added for mechanical zoom/focus control on Vivotek cameras. Using native protocol only; Vivotek does not support mechanical zoom/focus via ONVIF

- **CHANGED** Socket timeout of 30 minutes added for ReportStar to prevent remote connection issues
- **CHANGED** OE camera discovery is now bound to "OE-C" camera models so new models released in the future should not require an accompanying server update
- **UPDATED** Multiple API updates applied to fix 3rd party integration issues with connection limits events & messaging
- **UPDATED** Sensor emails now include an image and the correct camera number
- **UPDATED** JPG export now works on channels past 1
- **UPDATED** Web viewer port can now be adjusted in setup
- **UPDATED** Mapping for sensors on the sensor I/O card when sending events to ReportStar has been fixed
- **UPDATED** Sensor mapping now works on channels past 14
- **UPDATED** Backup Viewer will now play video from different timezones
- **UPDATED** OE S2L based cameras (OE-C7564, OE-C6614, etc) now support all resolutions when connected using native integration
- **UPDATED** Resolved POS/DATA ID offset by 1
- **UPDATED** Resolved intermittent frame spikes on IP cameras when recording on motion
- **UPDATED** Resolved crash when using LDAP
- **UPDATED** Resolved performance and stability issues when using fisheye cameras
- **UPDATED** Fixed abnormal terminate count issue for ReportStar
- **UPDATED** OpenEye Backup Viewer updated to resolve an audio playback issue
- **UPDATED** Video playback speed control improved Selecting an IP audio source in RADIUS no longer causes Rare server watchdog recovery
- **UPDATED** ONVIF driver updated to support new Samsung camera firmware
- **UPDATED** Server will now reset camera connection if 1 stream (in a dual-stream configuration) disconnects
- **UPDATED** IP audio is now captured and saved in its native format rather than 8 bit mono
- **UPDATED** PSIA dual stream (H.264+H.264) now works (using included RTSP integration)
- **UPDATED** Web viewer now loads as expected
- **UPDATED** Server will no longer trigger watchdog recovery when playing in reverse when there is no video
- **UPDATED** Video maintained when pre-alarm overlaps an alarm event
- **UPDATED** Rare issue with analog H.264 video corruption
- **UPDATED** RTSP VMD support improved to gracefully handle connection resets
- **UPDATED** A connection full error is now returned when an API connection is attempted and no connections are available
- **UPDATED** Sensor based emails now include the image and correct channel # reference
- **UPDATED** JPEG images can now be exported on channels past 1
- **UPDATED** Backup Viewer can now play video that was exported in a different time zone
- **UPDATED** API search performance has been improved
- **UPDATED** TCP socket will now release after searching multiple days over the API
- **UPDATED** Analog video can now be properly searched over the API
- **UPDATED** VCL PTZ protocol now works properly
- **UPDATED** A problem with Android OS v7.0 and upper version. We had to revise the DVD exe file to solve the problem.
- **UPDATED** ReportStar sensor mapping is now sending the correct image
- **UPDATED** Sensor mapping with external IO device has been fixed