

IQinVision

Firmware Release Note History
Product: IQM3x Series Alliance-mx H.264
Version: V3.3/2
Date: August 2011

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Release Summary

This document describes the IQinVision V3.3/2 camera software release documenting new feature and bug fixes since V3.3/1 firmware release.

Version: V3.3/2

Date: 08/2011

New Features / Enhancements:

1. 30fps mode is supported at 1080p resolution (IQM32 series).
2. IQevent support has been added.
3. OID 1.9.5 accepts 'enabled' as alias for 'internal'.
4. Text buttons are truncated to 12-characters to avoid wrapping text.
5. OID 1.9.11 supports a white noise option.
6. Added support for fps values less than 5 fps.
7. Changed default event email subject line to "Message from \$SN" (camera name).
8. Created a drop down to replace filename/path text fields on the IQevent destinations page.
9. Added get.oidrange support for dynamically generated lists.
10. Minimum and maximum exposure values can be configured. OID 1.2.8.27.1 is minimum exposure in Hz, and OID 1.2.8.27.2 is the maximum exposure in Hz.

Fixes:

1. Initialize non H264 stream bit rate after a factory reset has been fixed.
 2. In the day night settings section the 'at night use' settings doesn't stick has been fixed.
 3. Limiting stream resolution based on higher priority stream resolution has been fixed.
 4. SEI missing the payload length has been fixed. rbsp_trailing_bits has been added.
 5. Motion sensitivity value does not stay after refreshing the page has been fixed.
 6. IQaccess does not appear on the security tab if not licensed has been fixed.
 7. RTSP connection incorrect count with more than 16 streams has been fixed.
 8. When moving the motion window to the bottom row and refreshing the page the window size is incorrect has been fixed.
 9. Added OID 1.17.3.2 to support incorrect SEI with no payload length.
 10. Missing on-camera license section has been added.
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Version: V3.3/1

Date: 05/2011

New Features / Enhancements:

1. OID added for smtp.
2. Support trigger input metadata for trigger SEI.
3. Enhancements to rtsp multicast.
4. 800Hz test tone has been added.
5. Support added for motion window name (OID 1.11.1.10.x)
6. Primary stream was renamed to Stream 1 in the OID table.
7. OID value string length has been increased to from 48 to 96.
8. Minimum values for motion size and sensitivity have been increased.

Fixes:

1. Time zone for Eastern Europe and New Zealand are fixed.
 2. DST rules for US time zones have been fixed.
 3. Event motion triggers have been fixed.
 4. RSTP breaking when multicast request had no port has been fixed.
 5. Motion window sizes of zero has been fixed.
 6. Audio support OID (2.40.2) not returning the correct value has been fixed.
 7. Netgear DHCP broadcast has been fixed.
 8. Missing rtp sequence number after queuing has been fixed.
 9. RTSP connection fixed has been added for use with Exacq NVRs.
 10. Upper shutter speed limit has been reduced to 1/2000 to minimize bright image oscillations.
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Version: V3.2/4

Date: 01/2011

New Features / Enhancements:

1. Exposure tab has been moved to the Setup tab to keep all the functions that control image quality on the same tab.
2. Improved handling of frames with slow network connections has been added.
3. Default contrast value has been changed from 0.20 to 0.25.

Fixes:

1. DST not being applied correctly to all US time zones has been fixed.
 2. Issues where boxes would not correctly snap to grid on the Setup tabs have been fixed.
 3. After a factory reset the H.264 stream request going to mode0, and not to the default mode has been fixed.
 4. The IQM3x series cameras does not have an internal microphone therefore the internal microphone option has been removed from the audio settings section on the Setup / Advanced tab.
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Version: V3.2/3

Date: 12/2010

New Feature / Enhancements:

1. Multiple motion zone support added to support (4) motion zones.

Fixes:

1. OID (1.17.2.15) did not accept 0 or 1 has been fixed. The OID will also accept 0 or 1 for enabled or disabled.
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Version: V3.2/2

Date: 11/2010

New Features / Enhancements:

1. Initial release.

Fixes:

1. None