

IQinVision

Firmware Release Note History

Product: IQ732 Series

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. IQrecorder support for on-camera recording has been added.
2. OIDs for SD card options have been added.
3. Playback support have been added for on-camera video playback.
4. IQevent support has been added.
5. OID 1.9.5 accepts 'enabled' as an alias for 'internal'.
6. Text buttons are truncated to 12-characters to avoid wrapping text.
7. OID 1.9.11 supports a white noise option.
8. Added support for fps values less than 5 fps.
9. Changed default event email subject line to "Message from \$SN" (camera name).
10. Created a drop down to replace filename/path text fields on the IQevent destinations page.
11. Added get.oidrange support for dynamically generated lists.
12. 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. Audio stream request when audio is disabled has been fixed.
3. In the day night settings section the 'at night use' settings doesn't stick has been fixed.
4. Limiting stream resolution based on higher priority stream resolution has been fixed.
5. Wrong capacities reported when no SD card is installed has been fixed.
6. SEI missing the payload length has been fixed. rbsp_trailing_bits has been added.
7. Motion sensitivity value does not stay after refreshing the page has been fixed.
8. IQaccess does not appear on the security tab if not licensed has been fixed.
9. RTSP connection incorrect count with more than 16 streams as been fixed.
10. When moving the motion window to the bottom row and refreshing the page the window size is incorrect has been fixed.
11. Added OID 1.17.3.2 to support incorrect SEI with no payload length.

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. Image Flip (180, Horizontal & Vertical) have been added to the Setup / Advanced tab.
2. Exposure tab has been moved to the Setup tab to keep all the functions that control image quality on the same tab.
3. Improved handling of frames with slow network connections has been added.

Fixes:

1. DST not being applied correctly to all US time zones has been fixed.
 2. Issue where boxes would not correctly snap to grid on the setup tabs has been fixed.
 3. After a factory reset the H.264 stream request going to mode0, and not to the default mode has been fixed.
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Version: V3.2/3

Date: 12/2010

New Features / Enhancements:

1. None

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. ONVIF support added.
2. PSIA custom motion detection enhancement added.
2. HTTPS: support has been added.
3. Snapshot feature has been added in MJPEG mode.
4. OID (1.9.9) audio test tone has been added.

Fixes:

1. When video mode 10 was configured, and no JPEG images were captured has been fixed.
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Version: V3.2/1

Date: 09/2010

New Features / Enhancements:

1. Push-to-Talk operation and button has been added to the live page.
2. Exposure window operation has been enhanced.
3. Sharpness operation has been enhanced.
4. OID (1.17.2.15) user SEI is now set as enabled or disabled.
5. OID (1.2.8.13) setting the gain window is now supported.

Fixes:

1. When DHCP is enabled and there is no DHCP server the camera will get no IP address has been fixed.
 2. Fixed issue with setting time zone through the command line interface.
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Version: V3.1/8

Date: 08/2010

New Features / Enhancements:

1. Support for new day / night filter servo.

Fixes:

1. None
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Version: V3.1/7

Date: 07/2010

New Features / Enhancements:

1. Camera now has DHCP enabled as default.
2. MJPEG 1080p mode enhanced.
3. PSIA enhancements.

Fixes:

1. After factory reset the analog output is enabled.
 2. LED activity restored.
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Version: V3.1/6

Date: 04/2010

New Features / Enhancements:

1. Initial firmware support for Mini Dome H.264 Series (IQD3x) cameras.
2. Added support for overlay text.
3. Added support for timestamp overlay.
4. Added support for LIGHTGRABBER / slow shutter mode.
5. PSIA: Support for IPMDv1.1 added.
6. Added trigger OIDs (1.30.20 & 1.30.21)
7. "pragma-trigger" is accepted for sending motion data.
8. \$IMGDBG overlay support added.
9. PSIA: More update fields supported.
10. Sharpness control added to webpage.
11. Support for new Day/Night servo.

Fixes:

1. Camera license file lost after a factory reset is fixed.
 2. Fixed motion default values.
 3. CLI terminates correctly when telnet connection closes.
 4. RTP packet issue fixed.
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Version: V3.1/5

Date: 02/2010

New Features / Enhancements:

1. PSIA: H.264 streaming, audio, and streaming capabilities supported.
2. PSIA: Changes for compliance tool, file transfer, time, NTP, audio, H.264 have been added.
3. IQaccess: Half-duplex audio support was added.
4. oidtable.cgi support added.

5. Default time zone is set to UTC.
6. OID changes for day/night servo (2.40.5)

Fixes:

1. PSIA: Fixed multiple channel requests.
 2. PSIA: Multiple channel requests for RTSP is fixed.
 3. IQaccess: Camera will be unresponsive to numerous triggers is fixed.
 4. Demo licensing reporting fixed.
 5. Time zone offset for time in trigger and imager fixed.
 6. Forcing I-frame causing the encoder to stop is fixed.
 7. Latency build up in 1080p mode is fixed.
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Version: V3.1/3

Date: 11/2009

New Features / Enhancements:

1. Encoder restarts when changing mode or frame rates.
2. MJPEG over RTP
3. 1080p MJPEG mode added.
4. PRO LINE camera time zone style added.
5. Uptime OID added.
6. Electronic shutter set to 1/30 of a second, and AGC gain to defaults.
7. CLI added.

Fixes:

1. MJPEG image jumping by a single line is fixed.
 2. Firmware upgrade failures fixed.
 3. RTCP keep alive is fixed.
 4. Fixed second connection to camera while a firmware update is being performed.
 5. IQaccess audio playback on camera is fixed.
 6. Fixed configuring motion window in 1080p MJPEG only mode.
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Version: 3.1/2

Date: 10/2009

New features / Enhancements:

1. Initial release.

Fixes:

1. None.