



# RELEASE NOTES

ION-E100-HD – FIRMWARE 3.8.4.3

*(BUILD 6064)*

*August 4, 2022*

## FIRMWARE 3.8.4.3

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### Resolved Issues

- Fix an issue where it was difficult to configure a device in factory configuration when there was no DHCP server.
- Fix an issue that could prevent the device to be accessed if the DHCP server did not give a gateway in it's configuration

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### New FEATURES

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.4.2

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### Resolved Issues

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### New FEATURES

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- Correctly reporting to Genetec that we support RTSP/RTP/TCP streaming.
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### KNOWN ISSUES

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- No new known issue.

## FIRMWARE 3.8.4.0

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### Resolved Issues

- Fixed a video stuttering when rebooting the device multiple times.
- Fixed a discovery issue when the device is booting in APIPA.

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### New FEATURES

- Added new source resolutions: 1280x1024, 1280x960, 1280x800. 1280x768, 1152x864 and 800x600.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.3.7

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### Resolved Issues

- Fixed a reboot issue when reconnecting a video source which has been disconnected for a while.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.3.6

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### Resolved Issues

- Fixed an issue where the configuration can be lost.
- Fixed an issue with the audio decoding.

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### New FEATURES

- OEM: Added a new OEM.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.3.2

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### Resolved Issues

- Streaming: Fixed an issue where the device could reboot after closing a video stream.
- OnVif: Fixed an issue with the discovery if the device name contains invalid characters.

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### New FEATURES

- OEM: Added a new OEM.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.3.1

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### Resolved Issues

- Security: Fixed a problem when a user creates more than one user accounts with the same username.
- Firmware: Fixed an issue that could prevent a firmware update.
- RTSP: Fixed an issue when a RTSP request doesn't contain a content length field.

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### New FEATURES

- Audio: Added support for the AAC audio codec for the Genetec API.

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### KNOWN ISSUES

- No new known issue.



## FIRMWARE 3.8.3.0

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### Resolved Issues

- Production: Fixed an initialization problem that could prevent the production.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.1.4

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### Resolved Issues

- Web interface: Improved the loading / saving time of the Video input tab.
- MJPEG: Fixed an issue with the mjpeg where the device could reboot after a while.
- System: Fixed an issue with the 1080i resolution when the second encoder is set to MJPEG.

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### New FEATURES

- Configuration: Added a configuration attribute giving the possibility to add or not a marker bit on a RTP h.264 stream. Some recorders require this parameter while others don't.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.1.0

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### Resolved Issues

- OEM: Set default values for OEM.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.0.6

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### Resolved Issues

- Web interface: Fixed a problem where the SNMP configuration would not be requested.
- Streaming: Added mandatory session id to the RTSP PLAY command.

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### New FEATURES

- OEM: Added OEM.
- PTZ: Added Auxiliary commands to the web interface.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.0.3

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### Resolved Issues

- OnVif: Fixed a problem with OnVif when creating a profile without any element (video or audio).
- Web page: Fixed a problem with the PTZ control where some commands could be executed in a wrong sequence.
- Web page: Fixed a problem with the “Video In” tab when saving a modified value.

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### New FEATURES

- Ion API: Added a new attribute to add the possibility to override the default PTZ protocol speed (pan / tilt / zoom).
- Web page: Added feature to save a video clip directly from the web page to the local drive.
- OnVif: Added the full product name to the model attribute (device information).

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.0.1

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### Resolved Issues

- Web Page: Reduced the initial loading time of the web page.
- Web Page: Fixed an issue with the live viewer that prevented the video to play on a long period of time.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.8.0.0

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### Resolved Issues

- Firmware compatible with the Field Update Tool.

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### New FEATURES

- Protocol: Support of the OnVif protocol.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.5.0.1

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### Resolved Issues

- IO: Fixed a problem with the io state.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.



## FIRMWARE 3.5.0.0

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### Resolved Issues

- System: Fixed a potential problem with the flash memory management.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.1.0.1

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### Resolved Issues

- Audio: Fixed audio on HDMI.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 3.1.0.0

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### Resolved Issues

- Protocol: Added OnVif conformance fixes.
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### New FEATURES

- Streaming: Added support for MJPEG streaming from the RTSP server.
  - OnVif: Added new profile for the MJPEG.
  - OnVif: Added support for WS-Notification specification (Basic and Real-time pullpoint).
  - Protocol: Added support for the zoom speed for the pelco-d protocol.
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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.1.0.0

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### Resolved Issues

- VMS: Supported audio in Milestone if the requested stream is RTP/UDP or RTP/RTSP/TCP.
- Web page: Fixed a problem with the live viewer when a video stream is stopped and restarted.

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### New FEATURES

- Protocol: Added support for the OnVif protocol.
- Web Page: Added speed control for the PTZ zoom, pan and tilt command.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.0.0.8

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### Resolved Issues

- Audio: Added support for the audio through PSIA. This functionality is only valid if the requested stream is set to RTP/RTSP/TCP and the audio association has been changed in the configuration web page.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.0.0.7

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### Resolved Issues

- Diagnostic: Added instrumentation information to diagnose a reboot problem.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.0.0.6

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### Resolved Issues

- No new resolved issue.
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### New FEATURES

- RTSP: Added a configuration parameter to change the default rtsp session timeout. The parameter could be changed via the web page in the network/rtsp tab.
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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.0.0.5

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### Resolved Issues

- System: Only publish the current HD format in EDID.
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### New FEATURES

- No new feature.
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### KNOWN ISSUES

- No new known issue.



## FIRMWARE 2.0.0.4

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### Resolved Issues

- System: Fixed a problem when reading the internal temperature causing a device reboot.

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### New FEATURES

- No new feature.

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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.0.0.3

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### Resolved Issues

- No new resolved issue.
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### New FEATURES

- PTZ: Added support for Pelco-D protocol, pan / tilt, zoom, iris, focus and home position.
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### KNOWN ISSUES

- No new known issue.

## FIRMWARE 2.0.0.2

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### RESOLVED ISSUES

- System: Adjust some HDMI connection parameters.

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### NEW FEATURES

- No new feature.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 2.0.0.1

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### RESOLVED ISSUES

- No new resolved issue.

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### NEW FEATURES

- System: Added support for SNMP (basic package).
- Configuration: Added support to configure text overlays from the web page.
- Configuration: Added support to configure motion masks from the web page.
- Configuration: Added support to configure privacy zones from the web page.
- Configuration: Added the possibility to disable the recording module from the system configuration web page in order to improve the boot up time.
- System: Improve boot up time.
- System: EDID support.
- Video: Added support for the 1080i video resolution.
- Video Input: Replaces the default video overlay font by a new font based on Arial Black.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.3.3

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### RESOLVED ISSUES

- System: Fixed a reboot problem with connect / disconnect of the HDMI.

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### NEW FEATURES

- No new feature.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.3.2

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### RESOLVED ISSUES

- No new resolved issue.

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### NEW FEATURES

- Video: Added support for the 1080p video resolution.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.3.1

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### RESOLVED ISSUES

- No new resolved issue.

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### NEW FEATURES

- Audio: Added support for audio over HDMI.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.2.6

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### RESOLVED ISSUES

- No new resolved issue.

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### NEW FEATURES

- Configuration: Added video alignment parameters.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.



## FIRMWARE 1.0.2.5

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### RESOLVED ISSUES

- No new resolved issue.

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### NEW FEATURES

- System: Added support for exporting / importing the configuration attributes.

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.2.3 RC10

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### RESOLVED ISSUES

- Network: Nat friendly with Genetec VMS (Omnicast and Security Center)..

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### NEW FEATURES

- None at this moment

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.2.2 RC9

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### RESOLVED ISSUES

- Video: Fix a problem with Milestone when decoding a HD video stream.

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### NEW FEATURES

- None at this moment

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### KNOWN ISSUES

- Refer to section Firmware 1.0.2.1.

## FIRMWARE 1.0.2.1 RC8

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### RESOLVED ISSUES

- System: Update the PSIA support.

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### NEW FEATURES

- None at this moment

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### KNOWN ISSUES

- Milestone: After saving the discovered video input, the Recorder Server cannot start the recording with the device. To resolve this issue, disable the microphone from the discovered elements from the Milestone Management Tool.
- Milestone: If no video source is connected to the device, the video configuration cannot be changed from the Milestone Management Tool. To resolve the problem, connect a video source to the device by using the HDMI connector.

## FIRMWARE 1.0.2.0 RC7

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### RESOLVED ISSUES

- Recording at the edge: Enabled back the option

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### NEW FEATURES

- None at this moment

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### KNOWN ISSUES

- None at this time

## FIRMWARE 1.0.1.3 RC6

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### RESOLVED ISSUES

- Video: Video stream lags when transmitting many bytes over serial port
- Serial Port: RS485-2 wire fails to work

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### NEW FEATURES

- None at this moment

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### KNOWN ISSUES

- None at this time

## FIRMWARE 1.0.1.2 RC5

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### RESOLVED ISSUES

- Video: Fixed maximum bit rate for H264 codec to 10 Mbps

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### NEW FEATURES

- Video: Added support for 720p @ 50 Hz

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### KNOWN ISSUES

- None at this time