



RELEASE NOTES

PERCEPT-BWC – FIRMWARE 10.8.1.7

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FIRMWARE 10.8.1.7

Resolved Issues

- Fix an issue where the WiFi configuration would not be reinitialized when doing a load factory defaults.

New FEATURES

- Added the configuration to activate continuous recording when the camera boots.

KNOWN ISSUES

- When changing the IP address of the Ethernet interface while docked may cause to switch to Wifi and /or new value to not be applied.
- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Audio decoding does not work with Genetec.
- Audio decoding in Milestone does not work when the audio on the device is set to Stereo and in the following configurations:
 - AAC, 8kHz, 96 kbps
 - AAC, 8kHz, 128 kbps
 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.1.5

Resolved Issues

- Fix an issue where changing the IP address of the Ethernet interface while docked may cause to switch to Wifi and /or new value to not be applied.
- Fix an issue that prevented the Percept Video Cloud to work.

New FEATURES

- None

KNOWN ISSUES

- When changing the IP address of the Ethernet interface while docked may cause to switch to Wifi and /or new value to not be applied.
- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
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 - AAC, 8kHz, 128 kbps
 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.1.4

Resolved Issues

- Fix an issue where the settings of the Ethernet interface were not persisted.

New FEATURES

- None

KNOWN ISSUES

- When changing the IP address of the Ethernet interface while docked may cause to switch to Wifi and /or new value to not be applied.
- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.1.3

Resolved Issues

- Fix issues where the device would not reject partial or incomplete WIFI configurations in WPA2-Enterprise EAP-TLS authentication.

New FEATURES

- None

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.1.2

Resolved Issues

- None

New FEATURES

- Added support for WPA2-Enterprise Wifi network with EAP-TLS authentication.

KNOWN ISSUES

- When setting the Wifi Enterprise TLS authentication and leaving the “Private Certificate” configuration empty, the device will not change the WIFI connection, even when rebooting the camera. You are still able to access the camera if the old WIFI network is still in range.
- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
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 - AAC, 8kHz, 128 kbps
 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.11

Resolved Issues

- Remove sound when batterie goes below 15%.

New FEATURES

- Added support for WPA2-Enterprise Wifi network with EAP-PEAP authentication.

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.10

Resolved Issues

- Fix an issue where sometimes the network information would not be correctly updated on the OLED screen.

New FEATURES

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.9

Resolved Issues

- No new resolved issue

New FEATURES

- Added option to remove audio pre-processing.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.7

Resolved Issues

- Tweaked battery charging algorithm to increase battery long term health.

New FEATURES

-

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.6

Resolved Issues

- Tweaked battery charging algorithm to increase battery long term health.

New FEATURES

-

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
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 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.4

Resolved Issues

- Fix battery charging termination current to increase battery long term health.
- Fix issue with LEDs flashing pattern when “Identify device” is active.
- Fix issue where no battery icon was displayed when its level was exactly 26% or 51%.
- Fix issue where a snapshot can be taken even if image recording was disabled.
- Fix issue with “no storage error” on the display at camera bootup.

New FEATURES

-

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.8.0.3

Resolved Issues

- Fix issue with recorded media trickling in Genetec and Milestone when audio and video are combined or that the resolution is not constant.
- Fix issue with the discovery of the device.
- Fix issues with pre-recording.
- Fix issue in the recording files with when silenced audio.
- Fix issue where the recording GPS data file would not be fully conformant.

New FEATURES

- Added APIPA address support on the WiFi interface.

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.11

Resolved Issues

- Fix an issue that prevents connecting to LTE correctly when the SIM MNC is 3 characters with a leading "0".

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.9

Resolved Issues

- Fix an issue where pre-recording would not always work.

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.8

Resolved Issues

- Fix an issue where the device could become brick during a firmware update.

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.7

Resolved Issues

- Fix an issue where the audio could be absent from the recorded file.
- Fix an issue where the audio is choppy when played live or recorded playback.
- Fix an issue with the battery charging that could cause the battery to swell.

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.4

Resolved Issues

- Improved the overall image quality.

New FEATURES

- Added the possibility to manage the sharpness level via the Advanced section of the video configuration.

KNOWN ISSUES

- Enabling the “Require Wearer’s ID” parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.3

Resolved Issues

- Fixed an issue with Genetec and the ONVIF metadata integration preventing Security Center to register the metadata.
- Fixed an issue with the OLED display where the text could be inverted when undocking the BWC.

New FEATURES

- Added the possibility to force the charging and online mode when the BWC is on a docking station. Once on a docking station, press F1 or F3 for at least 5 sec. will cycle from the following state: automatic (toggle between charging/online mode), manual charging and manual online.
- Added a new pane to the OLED display to show the current docking state.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.2

Resolved Issues

- Fix an issue with the ONVIF Eventing service where the event namespaces don't respect the specification. This problem prevents Milestone System to correctly discover the dynamic events and trigger a rule after a selected event is generated by the device.

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.1

Resolved Issues

- Fix an issue with the default time zone.
- Fix an issue that would cause the device to reboot when running at 50C ambient

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
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 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.2.0

Resolved Issues

- Fix an issue where the Wearer ID would be cleared when plug instead of docked.
- Fix an issue where the scan for wearer ID would not be started on bootup.
- Fix an issue where the device would stay in online mode for 2 cycles when inserted in the DCK with a high level of charge.
- Fix an issue that would cause the device to reboot when a scan of wearer ID is trigger after the initial QRCode scan.
- Fix an issue that could cause the device to reboot when inserting in the DCK.
- Fix an issue where the scan for wearer ID would not stop if the ID was entered by the web interface.
- Fix an issue that scanning a wearer ID code with no language would not set the language to the default language.
- Fix an issue where scanning a wearer ID and WIFI information parameters, they might not be applied.
- Fix an issue that when docked, the device would skip Online mode cycles.

New FEATURES

- No new features.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
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 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.1.2

Resolved Issues

- Fix an issue that could make the device reboot during boot.
- Fix an issue that could make the device reboot during boot when a SIM card is inserted.
- Fix an issue that could make the device reboot after a QRCode was successfully scanned.
- Fix issues related to the "Require Wearer's ID" parameter and the scan of Wearer IDs
- Fix an issue where all ONVIF events would have the "PropertyOperation" set to "Initialized"
- Fix an issue where some ONVIF call were not correctly set to have the "pre_auth" access level, causing them to fail.
- The currently recording file now appears in ONVIF recording queries and is available for playback.
- Fixed an issue preventing starting and stopping recording by using ONVIF.

New FEATURES

- Added new recording event via ONVIF. Topics: RecordingConfig/JobState
- The LTE IP address is not available in the Cellular section of the Network configuration.

KNOWN ISSUES

- Enabling the "Require Wearer's ID" parameter when recording will not start a scanning for QRCode. To start the scanning, stop the recording, plug and then unplug the camera.
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 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.0.5

Resolved Issues

- Fix a memory leak present when using HTTPS connections.
- Fix an issue where some ONVIF call that returned full URI would return "http://" URI instead of "https://" URI when using HTTPS

New FEATURES

- No new feature.

KNOWN ISSUES

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 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.7.0.2

Resolved Issues

- Fix an issue where we were not correctly returning all supported sampling rates for the audio output in Milestone.
- Improve stability when changing video encoding parameters.
- Fix issues related to scan of the Wearer ID when plugging or docking.
- Fix an issue that prevented audio decoding of the AAC codec in Milestone.
- Fix an issue that did not remove the camera orientation from the encoded video stream when disabling it.
- Fix an issue where we were accepting backchannel RTSP setup request on tracks that were for audio encoders.

New FEATURES

- Feature preview - Added support for VPN connection (L2TP/IPSec PSK protocol only).
- Added support for dynamic SIM card information update (eUICC SIMs).

KNOWN ISSUES

- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Audio decoding does not work with Genetec.
- Audio decoding in Milestone does not work when the audio on the device is set to Stereo and in the following configurations:
 - AAC, 8kHz, 96 kbps
 - AAC, 8kHz, 128 kbps
 - AAC, 8kHz, 192 kbps
 - AAC, 16kHz, 192 kbps
 - AAC, 8kHz, 256 kbps
 - AAC, 16kHz, 256 kbps

FIRMWARE 10.6.0.0

Resolved Issues

- Fix an issue where if you disabled LED auto-dimming while the LEDs were dimmed, they would not return to full brightness.
- Fix an issue where scanning of Wearer ID and network parameters were not permitted at the same time.
- Fix an issue that caused audio quality issues when changing multiple audio parameters at once.
- Fix an issue when validating the audio parameters that are set.
- Corrected the minimum battery level to allow firmware updates, could cause the update to be incomplete.
- Fix an issue that caused ONVIF profiles with only audio to not play correctly in RTSP.

New FEATURES

- The Wearer ID can now be scanned on the initial QRCode scan.
- Added support to query recorded GPS position through ONVIF.
- Added support to query recorded snapshots through ONVIF.

KNOWN ISSUES

- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- In high temperature condition, the thermal throttling protection may cause the device to reboot.

FIRMWARE 10.5.0.13

Resolved Issues

- Fix an issue that could cause the device to reboot multiple times when booting.

New FEATURES

- No new feature.

KNOWN ISSUES

- When docked and using H.265, the “Charging” icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- Audio with ONVIF in Genetec Security Center is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- In high temperature condition, the thermal throttling protection may cause the device to reboot.

FIRMWARE 10.5.0.12

Resolved Issues

- Fix an issue where exposure and white balance were reinitialized when the capture rate was updated for low light conditions, CPU throttling or thermal throttling.

New FEATURES

- No new feature.

KNOWN ISSUES

- When docked and using H.265, the "Charging" icon video is not correctly displayed in Genetec and Milestone.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- Audio with ONVIF in Genetec Security Center is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- In high temperature condition, the thermal throttling protection may cause the device to reboot.

FIRMWARE 10.5.0.11

Resolved Issues

- Fix an issue with the automatic low light detection that made it toggle on certain lighting conditions.

New FEATURES

- No new feature.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- Audio with ONVIF in Genetec Security Center is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- In high temperature condition, the thermal throttling protection may cause the device to reboot.

FIRMWARE 10.5.0.10

Resolved Issues

- Fix an issue that prevented the device to charge at full capacity under certain conditions.
- Fix multiple issues with Safari browser for the web interface.
- Fix firmware update issue with Firefox web browser.
- Fix the position of the Daylight Saving Time message in the web interface.
- Now, when privacy mode is enabled, a static icon is encoded instead refusing connections.
- Fix an issue with recorded playback of audio in Milestone.
- Fix issue where the device could not return a valid timezone.
- Fix image quality issue.
- Fix an issue that would degrade the ethernet network connection when inserted in the docking station.
- Fix an issue that would cause the device to be stuck with the "Booting" message display on the OLED.
- Fix an issue where the SD card would stay full and recording would stop.

New FEATURES

- Completed support for WearerId.
- Added WearerId and Serial number to the QRCode embedded in the image.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- When thermal throttling toggles, it may cause the device to reboot.

FIRMWARE 10.4.0.10

Resolved Issues

- Fix an issue that prevent the device from correctly charging at full speed on some Percept Docking Stations.

New FEATURES

- No new feature.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.4.0.9

Resolved Issues

- Corrected issue related to recorded RTSP video playback speed.
- Improve image exposure.
- Corrected issue that prevented Record on boot feature to work correctly.
- Improved the responsiveness when starting the recording using buttons.
- Corrected issues related to Cloud recorded video synchronization.
- Corrected issue that the LTE connection was not re-established when activating a SIM unless the device was rebooted.
- Corrected issue that the device would not shutdown correctly when the low battery threshold is reached.
- Corrected issue that the device could stall when it is rebooting.
- Corrected an issue where a recorded file would be corrupted when the device reboot while recording.
- Corrected an issue where the device would become unresponsive is the F1 / F3 buttons were pressed rapidly.
- Corrected an issue where the device would reboot once after a Reset to factory if a SIM were inserted.
- Added a better message when the JPEG encoder is not activated.
- Corrected an issue where the microphone would still be active when the device was inserted in the DCK.
- Corrected an issue where the "Force Online" button would still be present in the web interface even if we are not docked, or that we are already in Online mode.
- Corrected an issue where is the Wi-Fi interface was disable and a valid QRCode was scanned to configure the Wi-Fi, it would not enable it.
- Corrected an issue regarding the current time zone of the device.
- Corrected an issue where the OLED display could show the incorrect screen during after a reset to factory.
- Corrected an issue where the frame rate could not be set correctly.

New FEATURES

- Added snapshot burst mode.
- Added GPS position recording.
- "Super User" user level can now do a firmware update.

KNOWN ISSUES

- Doing playback on a range that has gaps bigger than 20 seconds might make the device crash.
- When using the web interface to download a large quantity of snapshot, not all might be downloaded.
- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.

- Firmware update in Firefox is not working.

FIRMWARE 10.3.0.13

Resolved Issues

- Fix an issue that cause degraded performance in recorded video retrieval through RTSP.
- Corrected cloud integration strings.

New FEATURES

- No new feature.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.3.0.11

Resolved Issues

- Fix an issue that degraded the image quality when scaling.

New FEATURES

- Added the option to set the capture to “PAL” (25 fps based) values, automatically activated when enabling the CameraManager integration.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.3.0.9

Resolved Issues

- No new resolved issue.

New FEATURES

- Added a parameter to not put device orientation in IVE QrCodes embedded in the video.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.3.0.8

Resolved Issues

- Fix an issue that cause the device to not boot correctly after an update.

New FEATURES

- No new feature.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.3.0.7

Resolved Issues

- Fix issues related to VMS integrations.
- Fix multiple issue associated with docking station.
- Fix an issue that a snapshot would be taken when opening / closing the flashlight using the buttons.
- In the query of recording, only returning the length of the video.
- Fix issue of recording events not correctly generated when pre-event recording was activated.
- Improved the quality of the “Docked” image.
- Fix issue where the camera would not boot correctly.
- Fix an issue where the pre-event recording would not work correctly after formatting the SD card.

New FEATURES

- Added still image recording on the device.
- Added audio in recorded video playback.
- The LEDs intensity is now adjusted to base on ambient light conditions.
- Added on device encryption of the recorder media files.
- Added new default LTE APNs.
- Added SIM data state in the web interface.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.2.0.9

Resolved Issues

- Fix an issue that could cause the device to reboot in loop when changing the SIM card.
- Fix an issue that would cause the unit to reboot a few times when pre-recording is enabled.

New FEATURES

- No new feature.

KNOWN ISSUES

- When upgrading from a pre-10.2.0.9 firmware, the LTE might not work on the first boot. Rebooting the device corrects the issue.
- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.2.0.8

Resolved Issues

- Fix an issue that prevented sending emergency events when pressing the front buttons and the device was already recording.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.2.0.7

Resolved Issues

- Fix an issue that could cause the Wifi interface to the activate correctly on boot and generate “500” error when trying to get live video stream.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.2.0.6

Resolved Issues

- Fixed an issue where the IncludeStartEvent wasn't considered.
- Update default values.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.2.0.5

Resolved Issues

- Corrected the Ethernet icon when no connection is detected.
- No longer returning APN password in clear text.
- Improved default Intra Interval default values.
- Fix an issue that prevented the download of clips over an HTTPS connection to the web interface.
- Fix an issue that could prevent the download of clips if the web server was not on the default port.

New FEATURES

- Added support for the DCK1 docking station.
- Added pre-event recording.
- Added a privacy mode.
- Added parameter to disable recorded media playback over wireless connection. (Disabled by default)

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.19

Resolved Issues

- Fix an issue where the responsiveness of the buttons and the OLED where inconsistent after a day or two.
- Fix an issue where the SPS and / or PPS where sometimes not correctly send when doing RTSP recorded playback.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.18

Resolved Issues

- Fix an issue related to Docking Station charging.
- Use wider auto-exposure calculation zone.
- Fix an issue where requesting a recorded playback RTSP could timeout.
- Fix an issue where you could receive frames from a previous recorded playback RTSP sessions at the beginning of a new one.
- Fix an issue where the device was not correctly starting at the previous I-Frame of the time requested in the recorded video in RTSP.
- Now returning the actual start time in the RTSP PLAY response.
- Fix an issue that could cause a delay of up to GOP size frames when starting a stream.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.15

Resolved Issues

- Fix where tracks would be duplicated in RTSP DESCRIBE SDP response.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.14

Resolved Issues

- Fix an issue with FindEvents and GetEventSearchResults ONVIF request.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.13

Resolved Issues

- Fix an issue that could cause a device reboot when playing back recorded video.
- Fix an issue where the video sensor would stay active when the device is inserted in the Docking Station.
- Improved temperature management of the battery during charge.
- Fix an issue where the timestamps of the RTSP stream could go backwards when switching file during recorded playback.
- Improved auto-exposure.
- The device is no longer indicating streaming on the status LED when only streaming metadata by RTSP.
- Fix an issue where ONVIF would report that the device supports multicast streaming when it is disabled on the device.

New FEATURES

- Added units in the Docking Station configuration section.
- Device now supported correctly in Genetec.
- Device now supported correctly in Milestone.
- The streaming LED pattern has been updated from flashing red to flashing red/green.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.12

Resolved Issues

- Fix an issue with the GetNetworkInterfacesStatus API call.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.11

Resolved Issues

- Fix issue with Image quality.
- Fix an issue that could prevent Enabling/Disabling of mobile data in certain circumstances.
- Fix an issue that would make the cellular connection unreliable.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.9

Resolved Issues

- Fix returned Model name for the CameraManager integration for Ionodes branded devices.
- Fix an issue where the APN password was not correctly read from the QRCode.
- Fix an issue where when a APN was added, it was not set to be the default APN for the current SIM.
- Added APN for OEM.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.8

Resolved Issues

- Fix authentication issue in ONVIF in cloud integration.
- Fix audio issue with cloud integration.
- Fix multiple issues related scanning of network QRcodes.
- Added APN for OEM.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing the language of the OLED a reboot is required.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.6

Resolved Issues

- Fix issue with RTSP RTP timestamps.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.5

Resolved Issues

- Fix issues in the DeviceConnecitonStatus API.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.4

Resolved Issues

- When scanning QR Codes, now accept both APN and WiFi information.
- Fix an issue with the FindEvents and GetEventSearchResult call.
- Fix an issue with the GetUsers ONVIF call on Ionodes branded devices.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.3

Resolved Issues

- Fix an issue with Pelco VMS.
- Fix an issue with the update from 10.0.3.x to 10.1.0.y.
- Fix an issue where the device would be stuck with “Booting” message when plugging it when the device was shutdown.

New FEATURES

- The “Network QRCode” scans can now be deactivated by holding the 2 bottom buttons for 5 seconds.
- Implemented the carrier section of the DeviceConnectionStatus.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.2

Resolved Issues

- Fix an issue where the System Information file was not generated correctly

New FEATURES

- No new feature.

KNOWN ISSUES

- Device does not boot correctly if booting it by plugging it in USB.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.1.0.1

Resolved Issues

- Fix an issue where the recorded files could be hidden if the SD card it swapped.
- Remove OEM validation for QRcodes scans.
- Fix an issue with ONVIF discovery.
- Correctly the query of media recording on ONVIF.

New FEATURES

- Added EENConnectionStatus for connection status.
- Added Camera Manager support for Ionodes.
- Added possibility to configure APN using QRcodes.
- Added FindEvents and GetEventSearchResult ONVIF queries for recorded video.
- Improved ressources usage.
- Added APN for OEM.

KNOWN ISSUES

- Device does not boot correctly if booting it by plugging it in USB.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.15

Resolved Issues

- Fix an issue where the device did not correctly handle “100 Continue” replies on firmware update.
- Now forcing preferred APN on known SIMs
- Improver date and time filtering on the recording page of the web interface.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.14

Resolved Issues

- Fix an issue with GPS JPEG EXIF data.
- Fix an issue where the select all check box in the “Recording” page would stay checked when deselecting files.
- Fix an issue where unused data would be shown in the web interface dashboard disk graphs.
- Fix an issue where in certain conditions, the device would play a sound every 10 mins.
- Improved multi-recorded file download.
- Fix an issue where the device did not correctly handle “100 Continue” replies on firmware update.
- Fix an issue where the clips would not be correctly shown when switching the SD card.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.13

Resolved Issues

- Fix an issue where the “Select All” feature in the recorded video page.
- Clarify the title of the Wifi MAC address page on the OLED.
- Fix issue with echo cancellation on the audio input.

New FEATURES

- Multiple files can now be downloaded at once in the web interface.
- Added feature to set the battery level around 30% for shipping.
- Added ExIF data in the JPEG images.
- Added description of the invalid parameters in the web interface.
- Added an APN for an OEM

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.12

Resolved Issues

- Fix issue where the device did not correctly handle “100 Continue” replies on firmware update.
- Fix issues related to low light.
- Device now reports correctly in ADB.
- Better handle of the Flashlight intensity in the degraded modes.
- Final fix to have correct battery charging temperature limits.
- Fix issue related to cross-site scripting
- Removed deprecated feature.
- Fix an issue where local recording could be started when in initial QRCode scan.
- Increased the default RTSP timeout to 60 seconds.
- Fix an issue where the Reset to factory would not work during boot.
- Remove the GPS position from the IVE QRcodes in the image when we no longer have a GPS lock.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.9

Resolved Issues

- No new resolved issue.

New FEATURES

- Added the hicard APN.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.8

Resolved Issues

- Fix an issue with the configuration of LTE APNs when the MNC is below 10.

New FEATURES

- Updated the "HardwareId" filed in the ONVIF GetDeviceInformation call response to show the current board hardware version and image version.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.7

Resolved Issues

- Fix an issue related to the firmware of LTE radios.
- Fix an issue that greatly reduce the performance of the initial QR Code scan.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.5

Resolved Issues

- Fix an issue where in rare occurrences, the device would be stuck with the “Booting” message being show on the OLED display.
- Corrected the charging and discharging currents limits of the battery.
- Fix an issue where there would be issue with charging some batteries.
- Rename the PWR button in the “Peripherals” page of the web interface.

New FEATURES

- Added a screen on the OLED that display the MAC address of the WiFi interface of the device.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.4

Resolved Issues

- Fix an issue where the unit would not shutdown when overheat protection was triggered.
- Improve the feedback when scanning the initial configuration QRCode.
- Fix reliability issue with the SD Card.
- Fix an issue where the message "Uncal Compass" would be present at each reboot.
- Fix an issue where activating Silent mode would prevent RTSP streaming.
- Fix an issue where starting recording from boot (holding F1, F3 or F5 to boot) would not be correctly reflected on the OLED.
- Fix an issue where sometime the device would freeze during the reboot when doing a factory default.
- Fix an issue where a SD card with no partitions would not be present on the web interface.
- Fix an issue where RTSP stream would have a few of the old resolution when changing resolution.
- Fix an issue where we would display the bitrate for the MJPEG encoder in the web interface, even if the setting is not available.

New FEATURES

- Remove console access.
- Added audio input gain parameter.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.1

Resolved Issues

- Fix an issue related to system time update with GPS data.
- Fix an issue when MJPEG is set to 8.3 MP.
- Put back 0.6 MP resolution.
- Fix an issue when falling back after QRCode scan.
- Fix an issue where some audio configuration where not correctly applied when set through ONVIF.
- Fix an issue where the resolution change would sometimes take time to be applied.
- Fix multiples issues when recording storage became full.
- Fix an issue where storage information would not be correctly returned during formatting.
- Fix an issue with the OLED message when storage is not formatted.
- Fix an issue with the OLED message when LTE is disabled.
- Fix an issue with the status LEDs when the storage was full.
- Fix an issue where the LTE connection would not work on certain devices.
- Fix an issue where the returned temperature of the battery would not be correct at high temperature.

New FEATURES

- Added API call to get detailed GNSS detected satellites.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.3.0

Resolved Issues

- Fix an issue where rapidly pressing button to stop recording would not work.
- Fix an issue where the orientation computed by the device would oscillate, event when the device was not moving.
- Fix an issue where sometimes the first file was only a few seconds when starting recording.
- Fix an issue where the IVE QRCode would be visible on the active video for low resolution.
- Fix an issue that prevented configuring large resolution on JPEG.
- Fix an issue where thermal throttling would not work correctly on JPEG encoder.

New FEATURES

- If the device is not able to connect to the Wi-Fi network present in the initial configuration QRCode, it will go back to QRCode scan mode.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.2.0

Resolved Issues

- Fix issues regarding SD card detection.
- Fix an issue regarding the Wifi Icon on the OLED display on boot.
- Corrected ranges for login failure protection
- Fix an issue that would make the device reboot when the first profile was disabled.
- Corrected battery charge current to prevent battery overheat
- Corrected text in the Web interface.
- Fix an issue that could make the recording media unavailable.

New FEATURES

- No new feature.

KNOWN ISSUES

- Pressing rapidly on the front button after using it to start recording will have no effect.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.1.1

Resolved Issues

- No new resolved issue.

New FEATURES

- Update the behavior of the buttons for OEM.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.1.0

Resolved Issues

- Fix an issue where video RTSP stream would not work if the microphone was disabled.
- Fix an issue where the Wifi interface would be disable when disabling the cellular.
- Fix an issue where the RTSP would not be correctly updated in certain circumstances of resolution change.
- Fix an issue where the status of the Wifi connection would not be correctly displayed.
- Fix an issue where cellular information would not be correct updated upon activation of the SIM card.
- Fix an issue where the NTP server was not correctly reset on a reset to factory.
- Clarified and updated text in the web interface.
- Fix an issue that prevented the body to start when it was shutdown internally.

New FEATURES

- Added support for new hardware revision.
- Added Cellular section in the dashboard of the web interface.
- Updated the behavior for the stop continuous recording.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.0.4

Resolved Issues

- Fix an issue where the flashlight would not respond correctly if toggle too fast.
- Fix an issue where the framerate was not displayed correctly for the JPEG codec.
- Fix an issue where a frame rate of 5 would not work correctly.
- Fix an issue where events were not sent correctly for the front button if local recording was started through ONVIF.
- Fix issues with the display of unsupported storages.
- Fix an issue where the hostname parameter was not reset correct after a load of the factory settings.
- Fix an issue where the recorder setting "Mute Audio" was not working in AAC.

New FEATURES

- Memory card formatting is now done asynchronously.
- Rename of some fields in the web interface.
- Capture settings are automatically optimized from the configuration of the encoder.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.0.1

Resolved Issues

- Fix an issue with the timestamp format in metadata events.
- Fix an issue that would make the device reboot.
- Fix an issue that would cause the device to reboot when trying to get video after a reset of the configuration.
- Fix an issue that could make the OLED display, the LEDs and the buttons to become unresponsive.

New FEATURES

- No new feature.

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 10.0.0.0

Resolved Issues

- Fix an issue that prevented audio output RTSP streaming in HTTP tunneling.
- Fix an issue related to default values in Wifi configuration.
- Fix default values for LTE data limitations for OEM.
- Fix default JPEG resolution.
- Fix an issue where the ONVIF call for Wifi scanning would return an error when not connected to an Wifi access point.
- Fix an issue that would sometimes show the Wifi connection as poor.
- Fix an issue that would cause the device to reboot.

New FEATURES

- Disabled resolution change in thermal throttling for OEM

KNOWN ISSUES

- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.6.5

Resolved Issues

- No new resolved issue.

New FEATURES

- Added the possibility to force a throttling level.

KNOWN ISSUES

- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.6.4

Resolved Issues

- Fix an issue where there was a mismatch between the signal strength names between the OLED display and the APIs.
- Fix an issue where the Wifi networks were not correctly return in ONVIF until refreshed in the web interface.

New FEATURES

- Added the possibility to disable resolution changes for thermal throttling in the web interface.

KNOWN ISSUES

- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.6.3

Resolved Issues

- Removed resolution below 1 MP, this caused an issue with IVE QR codes embedded in the image.
- Fix an issue that would cause packets to be dropped by the device when on Wifi.
- Fix an issue that would cause errors when receiving audio out data over RTSP.
- Fix an issue regarding the stretching of images in the web interface.
- Fix an issue where the battery level would drop rapidly below 25%.
- Fix an issue where the top LED would be off in silent mode.
- Fix an issue where the state of the LTE connection is not displayed correctly on the OLED.
- Fix an issue in the RTSP server that would prevent future reconnections when an encoder resolution was changed when multiple clients where connected.
- Fix an issue that caused the Wifi status displayed on the OLED to not always be correct.
- Fix an issue that could stall the shutdown sequence.
- Fix an issue that prevent RTSP streaming of MJPEG.
- Fix an issue that JPEG encoder advertise capacities that where not supported.
- Fix an issue that GPS status would stay lock event if no longer lock.
- Fix issues regarding audio input quality.
- Fix an issue where we sometimes dropped audio packets when encoding in AAC.
- Fix an issue in the orientation calculation.
- Fix an issue where the "Storage" screen would be shown on the OLED on a state change of the GPS.
- Fix an issue where the OLED would display "Configuring" even when the boot is complete.
- Fix an issue that prevented Camera Manager integration to work when "Only use HTTPS" is enabled.
- Fix an issue in the status of the battery.

New FEATURES

- Improvements to the web interface
- Resolutions are now display in mega pixels (MP) in the web interface.
- Added indication that the event recording is nearing the end.
- Harmonize precision on battery level, GNSS position and temperatures.
- Added support for more characters on the OLED.
- JT carrier now supported by default for all OEMs.
- Added protection to prevent updates while the battery is low.
- Optimization of the available Wifi networks.
- We now fall back to the previous Wifi configuration if we are not able to connect to the new network.
- Timestamp of the metadata events are not precise to the millisecond.
- Added throttling base on temperature of the device.

KNOWN ISSUES

- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.5.7

Resolved Issues

- Fix an issue when getting the NTP server in ONVIF.
- Fix an issue where a snapshot could be retrieved without authentication.
- Fix an issue where the returned value for audio output volume in ONVIF could be incorrect.
- Fix an issue where the CameraManager integration would start before the HTTP server was started.
- Changed the default audio output volume.
- Fix an issue where the recorder volumes were not returned correctly for the CameraManager integration.
- Added more delay when the SSID of the Wifi network is changed to allow the response to be sent correctly.

New FEATURES

- No new feature.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.5.6

Resolved Issues

- Removed the “Platform Preview” suffix from the product name.
- Fix an issue where the button events would only be sent to 1 RTSP event connection.

New FEATURES

- No new feature.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.5.5

Resolved Issues

- Fix issue that prevented doing a second audio output RTSP/RTP/TCP stream after closing the first one in the same TCP connection.
- Fix an issue with RTSP metadata and audio out.

New FEATURES

- No new feature.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.5.4

Resolved Issues

- Fixed problem that caused dewarping issues.
- Removed small resolutions where the QRCode would overlap with the video.

New FEATURES

- No new feature.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.5.3

Resolved Issues

- Fixes in the web interface.
- Playback of encrypted files has been corrected.

New FEATURES

- Led behavior has been updated.
- Hostname is now supported.
- Updated the default enable state for LTE data for OEMs.
- Added GPS accuracy to GPS information in events.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.5.2

Resolved Issues

- Fix an issue that prevented charging when using QuickCharge 3.0 chargers.
- Fix issue with RTSP streaming of metadata.
- Fix issue with RTSP streaming when it included audio.
- Improved handling of low battery conditions.
- Fix an issue that could cause device to restart when doing Audio out.
- The resolutions in the configuration are now correctly reporting the resolution of the video streams.
- Corrected access issue in the web interface.
- Fix issue where basic authentication was accepted when configured to digest.
- Fix an issue that could cause the device to reboot in loop when disabling the recorder.
- Correctly supporting DNS server name for NTP in ONVIF.

New FEATURES

- Added the configuration of the capture rate for Rev 2 hardware.
- Audio is now stereo for AAC and PCM encoders.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.4.0

Resolved Issues

- Fix issues where the SD card could appear multiple times after a format.
- Correctly detecting SD cards that are formatted in exFAT (cannot record to them, only format them).
- Corrected video orientation on Rev 2 hardware.
- Fix issue where the silent mode would not disable the audio output.
- Fix an issue where starting the second video encoder would fail.
- Corrected issue with the audio quality.
- Fix an issue where the audio was not recorded in the media files.
- Fix an issue where the section in the Integration tab would close automatically.
- Correctly set the time zone for the time on the OLED display.
- Fix an issue where the firmware update message would still be displayed when it failed.
- Correctly setting Audio / Video association.
- Fix an issue for certain OEM that initial QR code scanning would not start after a load default.

New FEATURES

- Added sample time for Metadata streaming.
- Rework web interface regarding the additional operation for the recorder storage.
- On first boot after a load default, authentication is no longer required to set the new admin password.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.3.2

Resolved Issues

- Fix an issue where the camera would reboot when starting the recording.
- Fix an issue that could prevent the camera from booting correctly.
- Fix an issue with AAC audio streaming in RTP.
- Fix issue with the OLED display.
- Fix issue with the recording states.

New FEATURES

- Added time synchronization and NTP configuration.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- After formatting a SD card, multiple items appear in the web interface until next boot.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.3.1

Resolved Issues

- Fix an issue where Record on boot feature would get stuck until next firmware update.
- Fix an issue where performance after an QR Code scan would be lowered until next reboot.
- Fix issue where haptic feedback on button press was not correct.
- Fix issue that could cause a reboot when starting recording.
- Fix issue with the sending of RTSP metadata events.
- Immervision QRcodes are now enabled by default.

New FEATURES

- Support for Hardware revision 2

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- After formatting a SD card, multiple items appear in the web interface until next boot.
- Firmware update in Firefox is not working.

FIRMWARE 99.3.2.1

Resolved Issues

- Orientation present in the QR codes might not be correct.
- Able to set record on motion when motion detection is not supported.
- Firmware updates by the web interface are slow.
- Fix issue related to storage in API.
- Corrected API configuration of Wifi interface.
- Corrected GPS accuracy.
- Fixed issue with interleaved RTSP/TCP metadata streaming.

New FEATURES

- Added ability to enable / disable Wifi and LTE interface.
- Added the Record from boot functionality.
- Added ability to scan initial configuration from QR code.
- Added action buttons.
- Added Oled display integration for revision 2 of the hardware.
- Added flashlight support for revision 2 of the hardware.
- Added Recorder pages for HTML 5 web interface.
- Added GPS position in Immervision QR codes

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work.
- Audio output stream over HTTP tunneling is not working.
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF.
- After formatting a SD card, multiple items appear in the Silverlight interface until next boot.
- Firmware update in Firefox is not working.
- The triggering the Record from boot functionality, it will be active on all subsequent boot until a full firmware update is performed.

FIRMWARE 99.3.1.4

Resolved Issues

- Fix issue for custom SOAP calls for Camera Manager integration

New FEATURES

- No new feature.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work
- Orientation present in the QR codes might not be correct
- Audio output stream over HTTP tunneling is not working
- Able to set record on motion when motion detection is not supported
- Firmware update by the web interface are slow
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF
- After formatting a SD card, multiple items appear in the Silverlight interface until next boot

FIRMWARE 99.3.1.3

Resolved Issues

- Fix issue where the SSIDs were not returned correctly in the OnVIF ScanAvailableDot11Networks response
- Fix issue where the Firmware Update capabilities were not advertised correctly in OnVIF

New FEATURES

- No new feature.

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work
- Orientation present in the QR codes might not be correct
- Audio output stream over HTTP tunneling is not working
- Able to set record on motion when motion detection is not supported
- Firmware update by the web interface are slow
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF
- After formatting a SD card, multiple items appear in the Silverlight interface until next boot

FIRMWARE 99.3.1.2

Resolved Issues

- Fix issue where the password was changed when enabling Camera Manager integration
- Fix issue where the Camera Manager integration would only work when the HTTP port was set to 80

New FEATURES

- Added OEM branding
- Added automatic configuration of APN on known SIM cards

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work
- Orientation present in the QR codes might not be correct
- Audio output stream over HTTP tunneling is not working
- Able to set record on motion when motion detection is not supported
- Firmware update by the web interface are slow
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF
- After formatting a SD card, multiple items appear in the Silverlight interface until next boot

FIRMWARE 99.3.1.1

Resolved Issues

- Fix issue where trying to connect to a hidden Wi-Fi network would not work.
- Fix issue where the web interface would log out when doing a firmware update
- Fix issue with constant bit rate control mode
- Fix issue where getting a MJPEG stream made the other stream freeze
- Fix issue where the Silverlight web interface would not show the record on IO events option
- Fix issues related to the handling of the SD card storage
- Fix issue where we would periodically lose frame in a video stream
- Fix issue where the battery was not correctly configured
- Fix issue where the Live viewer was not present in the web interface
- Fix issue where disabling a encoder would not make the recording stop
- Fix issue where the URI of the encoders would be missing in the web interface
- Fix issue where the reported memory usage in the web interface was wrong

New FEATURES

- Audio Output support
- Update Led states
- Support for OnVIF G profile
- Restrict the Silverlight interface to recording configuration only
- Updated default values for the encoders

KNOWN ISSUES

- RTSP streaming of MJPEG stream does not work
- Orientation present in the QR codes might not be correct
- Audio output stream over HTTP tunneling is not working
- Able to set record on motion when motion detection is not supported
- Firmware update by the web interface are slow
- When changing an encoder from H264 to H265, a reboot is required for it to appear correctly in OnVIF
- After formatting a SD card, multiple items appear in the Silverlight interface until next boot
- Enabling the Camera Manager integration forced a password
- The Camera Manager integration only work when the HTTP port is set to 80