

Release Notes (External)

Illustra Insight

Product Code	Model Name	Firmware
II-AN00INT01	Illustra Insight 01	SS007.01.04.00.0270

Product Data

Visit the IP Cameras section of our web site, www.illustracameras.com, to download datasheets and other documentation in PDF format.

July 2021

Note

In case of discrepancy, the information in this document supersedes the information in any document referenced herein.

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What's in This Release

What's New

Firmware Illustra.SS007.01.04.00.0270 adds the following features to the Illustra Insight

- User selectable audio message for welcome & access granted or access denied
- Integrated further iAPI to allow TycoAI to interact with camera
- Introducing SIP function
- OSDP secure mode (with CCure)
- Authentication for rtsp stream
- Added Mask enforcement (in conjunction with TycoAI)
- Added Variable fps & GOP selection

Previous Firmware Version

Firmware illustra.SS007.01.03.00.0255 adds the following features to the Illustra Insight:

- Brand name changed from Insight to Illustra Insight.
- Status Summary page added.
- Added new card formats.
- Enhanced config backup & restore.
- Added support for Updating Audio Licence and Language packs in conjunction with Illustra Connect 3.5 and American Dynamics support portal.
- Bug Fix: Pacific Time-zone DST issue.
- Bug Fix: DST not applied to logs until reboot.

Firmware illustra.SS007.01.02.00.0229 adds the following features to the Illustra Insight:

- New Features
 - Added config upload/download, including over iAPI.
 - Card ID test.
 - Added privacy zones (up to 12 allowed).
 - Added EEPROM intrinsics/extrinsics matrix calculation.
- Access Control
 - Added REST API confirmation password boxes.
 - Added face detection server status.
 - Added card ID error mapping for OSDP.
 - Added support for HID 1000 35 and 48 bit cards.
 - OSDP LED commands now cancelled if link goes down.
 - Tamper state now reflected in LSTATR response over OSDP.
 - Wiegand extended to have format, facility code & parity bits.

WARNING: Upgrading from 1.1.0 to 1.2.0 can reset Weigand card format configuration. Reconfigure following this upgrade.

- Security
 - Redirect all HTTP requests to HTTPS.
 - Account Management: Now rejects weak passwords (e.g. Password1!), or those similar to username.
 - Username and passwords will now have to meet enhanced specifications, whether installing fresh or upgrading.
 - Certificates: Add CSR generation action & Add certificate error messages.
 - Shell access removed on factory reset.
 - Restrict USB device access on factory reset.

- iAPI3
 - Stream Metadata: Added metadata stream, which allows observation of DIO and health. Currently reports tamper and camera head connection state.
 - Includes iAPI addition, inline with Illustra cameras.
 - Partner IDs: Added ability to get/set partner ID via iAPI3.
 - Added functionality to retrieve intrinsics/extrinsics from camera head EEPROM via iAPI.
- Audio Control
 - OSDP buzzer sound changed, and is now affected by volume control.
 - Added smooth transition for OSDP programs.

Firmware illustra.SS007.01.01.00.0154 adds the following features to the Illustra Insight:

1. WS Discovery.
2. iAPI3 support for Network settings and System Information.
3. iAPI3 Firmware upgrade support – compatible with new Illustra Connect 3.5 (single and bulk support).
4. GUI support for:
 - a) Added Fault Logs and Event Logs to System\Logs tab
 - b) About Page added information including Camera Friendly name.

Firmware illustra.SS007.01.00.00.0089 introduces the new Illustra Insight.

Product Code	Model Name	Firmware
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Firmware Upgrade

You can upgrade the Illustra Insight Camera through the camera web GUI.

Upgrade Camera Firmware through the Web GUI

NOTE:

All camera settings are maintained after you upgrade the camera firmware.

It is recommended to clear your browser cache after a firmware upgrade.

Procedure: Upgrade Camera Firmware through the Web GUI

1. Using Internet Explorer connect to the camera via the IP Address and login to the Web GUI.
2. Select **Setup** from the web banner to access the setup menus.
3. Select **Maintenance** from the **System** menu and identify the **Camera Upgrade** section.
4. Select **Browse**. The Choose file dialog displays.
5. Navigate to the location where the firmware file has been saved. Select the firmware file then select the **Open** button.
6. Select **Upload**. The file transfer begins and a progress bar displays.

Features

Accessing the Illustra Insight Camera Web User Interface

1. Select a supported browser and navigate to the camera IP address.
2. When you select the camera, the sign in page is displayed.
3. Select your preferred language from the drop-down menu. The default language is English.
4. Enter the default username and password when prompted - Username: admin, Password: admin.
5. Click **Log in**. The camera Web User Interface is displayed. The first time that you access the camera, or after a factory reset, you are prompted to **Define a Host ID**.

Define a Host ID: The admin user must enter a 6 character code for the Host ID that includes both letters and/or numbers. This unique password is used to access the operating system files. The HostID is not stored on the camera for security reasons and must be presented to Illustra Technical Support when remote access to the operating system is required.

6. Change the default credentials. A username and password change is mandatory.

Username requirements:

- Cannot be admin
- Minimum five characters

Password requirements:

- Minimum eight characters
- Have at least one character from each of the following character groups:
 - Upper-case letters - ABCDEFGHIJKLMNOPQRSTUVWXYZ
 - Lower-case letters - abcdefghijklmnopqrstuvwxyz
 - Numeric characters - 0123456789
 - Special characters - @ % + \ / ' ! # \$ ^ ? : , () { } [] ~ - _ `

7. Live Video Pane displays.
8. User can access the camera configuration via Setup tab.

Known Limitations and Issues

Description	Suggested Work-Around
Illustra Insight 01 has no hardware reset button.	If the end user is unable to access the camera please to contact the Illustra support team.
Upgrading from 1.1.0 to 1.2.0 can reset Weigand card format configuration,	Reconfigure following this upgrade to fix.
Completing initial camera security prompt will not work using ipV6 address	Please complete the security steps using ipv4 address
Privacy zones do not rotate with Flip and Mirror	Complete PZ drawing after setting camera orientation
<p>Audio Voice packs changed between builds</p> <p>If a camera with ENGLISH voice_pack01 is upgraded to build 254 then the voice pack has to be upgraded to chinese_arabic due to 3 voice packs now support in build Illustra.SS007.01.03.00.0255</p>	The voice pack will not stop working - but the user may be presented with a Voice pack mismatch on the camera GUI.

Contact Information

If you have any questions regarding these release notes, please contact Tyco Security Products Technical Services at:

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