



Ariel Gen II

Release Notes

Firmware Version 20190130

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Document History

Version	Date	Comment
1	March 11, 2019	GA Release

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1 Version Content

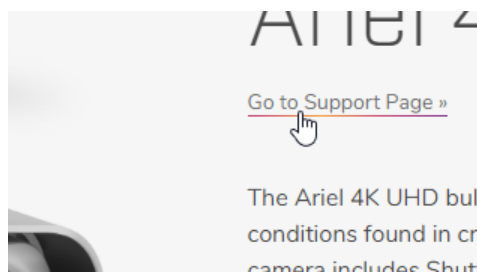
1.1 Version Details

Full version details: camera firmware version 20190130.

1.2 Firmware Version Location

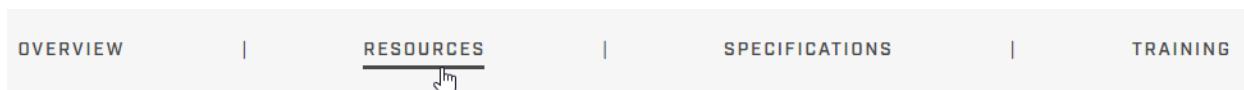
To download the Firmware:

- 1) Navigate to the FLIR Visible camera page: <https://www.flir.com/browse/security/visible-security-cameras/>
- 2) Click on the camera of choice
- 3) Click "Go to support page" under the Product name



Example of "Go to support page" link

- 4) Click on the "Resources" tab



- 5) Find and download relevant Firmware

The firmware is also available by email from product.enterprise.support@flir.com.

2 Supported Products and Platforms

This version is applicable to the following products:

Product Name	Description
Ariel Gen II CM-3102 CB-3102	The Ariel Gen II indoor/outdoor corner IP camera. The unit is a day/night camera with a 3MP(2048x1536), 1/2.8" sensor, and includes an F1.8, 2.1mm fixed focal lens. The unit offers exceptional low-light performance. It also includes a built-in microphone, audio out, alarm-in, and alarm-out connections. The camera supports three streams: 2048x1536 (3MP), 1280x960, and 800x600 with H.264 or MJPEG compression (3MP with H.264 only).
United VMS 7.0 LU 5784 and higher	Latitude/Horizon/Meridian update 7.0.0.5784 and above.
United VMS 8.0 LU 6119 and higher	Latitude/Horizon/Meridian update 8.0.4.6119 and above.
DNA 2.2.0.35 or higher	Utility required for initial discovery of the camera on networks without a DHCP server. To download the latest version of DNA and the DNA User Manual follow instructions here



Note:

1. To discover the Ariel Gen II camera in Latitude/Horizon/Meridian, select the *FLIR* option for the Unit Type in the Admin Center discovery (8.0) and *Ariel* on UVMS 7.0.
2. The camera's web UI is supported on Microsoft Internet Explorer 10 and above (32-bit version); Microsoft Edge 38 and above; Chrome v.55 and above; Firefox v.50 and above

3 Key Features

3.1 Improved ONVIF Support

ONVIF support continues to get tighter and more advanced. The camera is gearing up with support for ONVIF Profile G with FLIR UVMS not far behind. This will allow for full integration between FLIR cameras and a VMS for a true SoE integration.

3.2 Firmware Verification

The Firmware file folder now includes an encrypted checksum file, which can be used to check file validity using the checksum validation software of your choice.

4 Known Issues

Issue	Comments
When upgrading from the old GA to the new GA firmware, the SD card recording Overwrite setting is disabled.	Enable the recording Overwrite on the camera's web UI.
Securing the camera on UVMS may fail occasionally	Apply partial factory defaults and try again.

5 Firmware Upgrade Procedure



Note:

It is recommended to:

1. Clear the browser's cache
2. Remove the existing Ariel player before accessing the camera.

The camera's firmware can be updated by using the Discovery Network Assistant (DNA) tool or over the web from the unit's web interface. It is recommended to use DNA firmware version 2.2.0.35 or higher to upgrade from a previous firmware version.

5.1 Upgrading with DNA

How to perform the firmware upgrade

Run DNA and perform the firmware upgrade according to instructions in the *[DNA User Manual](#)*. To download the manual, find the steps [here](#).

5.2 Upgrading from the Camera's Web Interface

How to perform the firmware upgrade

1. From the **Setup** tab in the unit's web interface, select **System > Basic Configuration > Firmware**.
2. Click **Browse** to locate the firmware file.
3. Select the file. The file name is displayed (for example, *ArielFHD_20170714*).
4. Click **Upgrade**. The upgrade process takes about three minutes. After the firmware has upgraded successfully, the camera reboots. The **Rebooting Complete** dialog box opens.
5. Click **OK**. The **Live** screen opens.

6 United VMS Compatibility

The firmware was approved for United VMS 7.0.0.5784 and United VMS 8.0.4.6119 or higher.

It is necessary to install an Update Patch in order for the unit to operate with United VMS 7.0 and United VMS 8.0. Please see UVMS help manuals for additional information.

Appendix

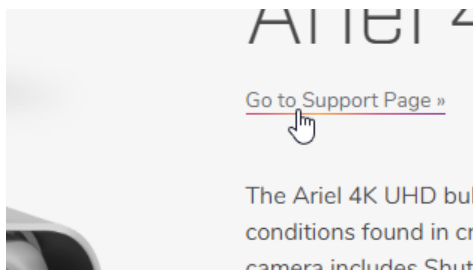
A.1. Discovering and Configuring the Camera with DNA

DNA 2.2.0.35 or higher is required for the initial discovery of the camera on networks without a DHCP server. DNA is also used to access the camera and to change its IP address.

If you have more than one camera, connect them one at a time and change their IP addresses to avoid potential network conflicts.

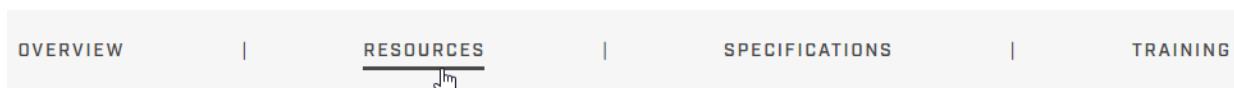
To download the DNA and for detailed guidelines about DNA and its usage, refer to the *DNA User Manual*, found on the camera product page of the website:

- 1) Navigate to the FLIR Visible camera page: <https://www.flir.com/browse/security/visible-security-cameras/>
- 2) Click on the camera of choice
- 3) Click "Go to support page" under the Product name



Example of "Go to support page" link

- 4) Click on the "Resources" tab



- 5) Find and download relevant documentation and software



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Document:

Ariel Gen II FW v.20190130 Release Notes

Version: 1

Date: March 11, 2019

Language: en-US