



Quasar Gen III CP-6302

Release Notes

Firmware Version
fs20190114NRS

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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 fs20190114NRS.

The CPU version is	fs20190114NRS
The Pan MCU version is	PV2R-C011N
The Tilt MCU version is	TV2R-C011N
The Zoom MCU version is	T2-L34-I0-170718-01
The Serial Number is	KQ17B00029

Firmware details on CP-6302-31-P & CP-6302-30-R

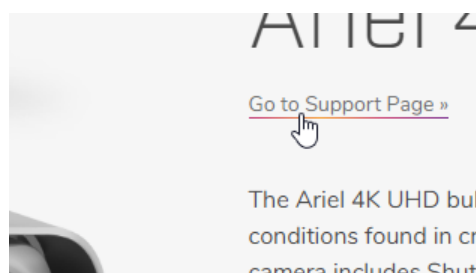
The CPU version is	fs20190114NRS
The Pan MCU version is	PV2R-C011
The Tilt MCU version is	TV2R-C011
The Zoom MCU version is	T2-L34-I0-180724-02
The Serial Number is	SG17700001

Firmware details on CP-6302-31-I

1.2 Firmware Version Location

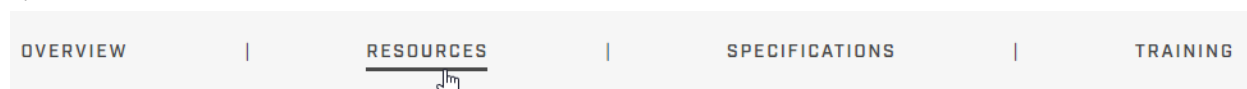
To download the Firmware:

- 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

Beta participants shall receive a separate download link.

2 Supported Products and Platforms

This version is applicable to the following products:

Product Name	Description
CP-6302-31-P	Quasar Gen III CP-6302-31-P camera is an indoor/outdoor Full HD PTZ IP camera that supports up to four streams with H.265, H.264 and MJPEG compression. It includes audio-in, audio-out, alarm-in, and alarm-out connections, and a microSD drive.
CP-6302-31-R	Quasar Gen III CP-6302-31-R camera is an indoor, recess mounted, Full HD PTZ IP camera that supports up to four streams with H.265, H.264 and MJPEG compression. It includes audio-in, audio-out, alarm-in, and alarm-out connections, and a microSD drive
CP-6302-31-R	Quasar Gen III CP-6302-31-I camera is an indoor/outdoor Full HD IR PTZ IP camera that supports up to four streams with H.265, H.264 and MJPEG compression. Featuring IR illumination up to 200 meters (656 feet). It includes audio-in, audio-out, alarm-in, and alarm-out connections, and a microSD drive.
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 CP-6302 camera in Latitude/Horizon/Meridian, select the *DVTel Quasar Gen II* option for the Unit Type in the Admin Center discovery.
2. The camera's web UI is supported on Internet Explorer versions 10 and 11.

3 Key Features

The FLIR Quasar CP-6302 camera is an indoor/outdoor, Full HD PTZ IP camera.

3.1 Tampering

A new event source has been added to the list of existing event sources, increasing the cameras ability to act and alert during various situations. The new Tampering event allows the camera to trigger and action during a tampering event when the camera is stationary. The event can trigger several actions seen with other existing events.

3.2 Change to Credentials

There has been an improvement to the unit credentials reducing the amount of default username and passwords from two to one. Previously the cameras came loaded with two sets of default credentials. In an effort to tighten security, we only load a single set of default credentials. We recommend changing the credentials upon installation according to your security policy.

3.3 Image Quality Enhancements

Image quality continues to improve with enhancements to night and focus operations, increasing the various applications required with this versatile camera.

3.4 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 an VMS for a true SoE integration.

3.5 IR Heating (CP-6302-31-I only)

Affects the internal temperature of the camera. Off by default. When set to On, the camera would maintain operational temperature in particularly cold surrounding.

Note: The camera must have a Zoom MCU version of T2-L34-I0-180724-02 to support this feature. Please contact [FLIR Support](#) to download this file.

4 Firmware Upgrade Procedure



Note:

It is recommended to:

1. Clear the browser's cache
2. Remove the existing Quasar 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.

4.1 Upgrading with DNA

To perform the firmware upgrade

Run DNA and perform the firmware upgrade according to instructions in the [DNA User Manual](#). Download the manual from [here](#).

4.2 Upgrading from the Camera's Web Interface

To perform the firmware upgrade

1. From the **Settings** tab, select **System > Maintenance > Software Upgrade**.
2. Click **Browse**.
3. Select the upgrade file (for example, *Image_userland_all_20170921*).
4. Select *ulmage+userland.img* from the *Step 2* drop-down menu.
5. Click **Upgrade**. The camera loads the firmware and reboots.

4.3 PelcoD Upgrade Firmware

When connected via RS-485 to an encoder while using the PelcoD protocol, the camera may move slowly. A firmware upgrade is available to correct this. Contact [FLIR Support](#).

5 United VMS Compatibility

The firmware was approved for United VMS 7.0.0.5782 and United VMS 8.0.0.6102 or higher support.

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

6 Known Issues

Issue	Comments
Securing the camera on UVMS > Admin center > Edge Security tab may fail on the first attempt.	Try again.
For users who upgrade from firmware 20180124, the user 'admin' would lose most of its configurational privileges.	Use the default 'Admin' user instead.
Camera is inaccessible on UVMS when it's set on H265	Use H264.
Camera initializes with a default IP instead of a static address when restoring from backup	

Appendix

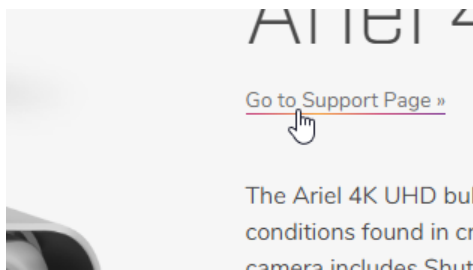
A.1. Discovering and Configuring the Camera with DNA

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.

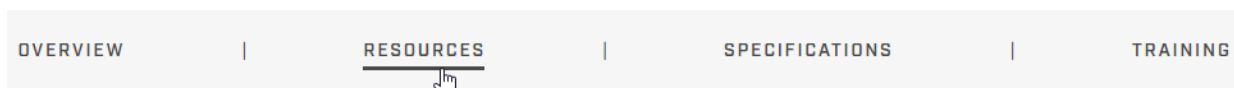
To download the DNA and for detailed guidelines about DNA and its usage, refer to the *DNA User Manual*, found on the camera product page of the website:

- 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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