Quasar Gen III CP-6302
Release Notes

Firmware Version
fs20190114NRS
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1 Version Content

1.1 Version Details
Full version details: camera firmware version fs20190114NRS.

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

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
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:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>CP-6302-31-P</td>
<td>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.</td>
</tr>
<tr>
<td>CP-6302-31-R</td>
<td>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.</td>
</tr>
<tr>
<td>CP-6302-31-I</td>
<td>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.</td>
</tr>
<tr>
<td>United VMS 7.0 LU 5784 and higher</td>
<td>Latitude/Horizon/Meridian update 7.0.0.5784 and above.</td>
</tr>
<tr>
<td>United VMS 8.0 LU 6119 and higher</td>
<td>Latitude/Horizon/Meridian update 8.0.4.6119 and above.</td>
</tr>
<tr>
<td>DNA 2.2.0.35 or higher</td>
<td>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.</td>
</tr>
</tbody>
</table>

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 camera's 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 uImage+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

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

4) Click on the "Resources" tab

5) Find and download relevant documentation and software