



Release Notes for Cisco Video Surveillance IP Camera and IP Dome Firmware Release 4.2.0

June, 2011

These release notes provide important information for Cisco Video Surveillance IP camera and IP dome release 4.2.0.

Firmware release 4.2.0 applies to the following Cisco IP camera and Cisco IP dome models:

- CIVS-IPC-2600
- CIVS-IPC-2611
- CIVS-IPC-2621V
- CIVS-IPC-2630V

This firmware is compatible with Cisco Video Surveillance Manager (VSM) 6.3.2 and later. VSM 6.3.2 and later contains a camera firmware upgrade feature that simplifies and automates the firmware upgrade process.

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Features

Cisco Video Surveillance IP camera and IP dome firmware release 4.2.0 supports the following features:

- Privacy region—Supports up to four user-defined privacy regions. Any video within a privacy region is masked in the video stream.
- Enhanced Day/Night Mode—Supports scheduled switchover to night mode.
- Enhanced Motion Detection—Improved motion detection algorithm that results in better accuracy and ease of deployment.
- Support for Windows 7 Enterprise and Internet Explorer 8.

Important Notes



Caution

For IP domes, do not attempt to manually adjust the focus or zoom. Doing so may damage the lens. Instead, use the Focus/Zoom window in the configuration software to remotely set the focus and zoom.

Upgrading to Release 4.2.0



Caution

You can upgrade an IP camera to firmware release 4.2.0 only from firmware release 4.0.1.

You can upgrade your IP camera to firmware 4.2.0 by using the Camera Firmware Upgrade feature in the VSM Management Console. For instructions, see the “Using the VSM Management Console” chapter in Cisco Video Surveillance Manager User Guide.

Alternatively, you can upgrade your IP camera to release 4.2.0 by performing the following steps:

Procedure

Step 1

Take these actions to obtain the release 4.2.0 firmware:

- Go to this URL:
<http://www.cisco.com/en/US/products/ps9716/index.html>
- Click the **Download Software** link, log in to Cisco.com, and locate the 4.2.0 firmware file, which is named CIVS-IPC-26xx-V4.2.0-14.bin.gz.
- Double-click the 4.2.0 firmware file name and follow the on-screen prompts to download it to your PC.

Step 2

Take these actions to display the Firmware window in the web interface for your IP camera:

- Start Internet Explorer and enter the following in the address field:
protocol://ip_address:port_number
where:
 - *protocol* is the connection that you use for your IP camera (either HTTPS or HTTP).
 - *ip_address* is the IP address of your IP camera.

- *port_number* is the port number that is used for HTTPS or HTTP connections to the IP camera. You do not need to enter a port number if you are connecting through the default HTTPS port 443 or the default HTTP port 80.
 - b. Enter your IP camera user name and password when prompted, then click **OK**.
The IP Camera Main window appears.
 - c. Click the **Setup** link to access configuration menus for the camera.
 - d. Click **Administration**, then click **Firmware**.
The Firmware window appears.
- Step 3** In the Firmware window, click the **Upgrade** button.
The Upgrade Firmware window appears.
- Step 4** In the Upgrade Firmware window, click the **Browse** button, choose the upgrade file, and then click **Open**.
The upgrade file may be stored on another PC.
- Step 5** Click **Upgrade** and follow the on-screen prompts to load the firmware upgrade on the IP camera.
Do not power down the IP camera during the upgrade procedure.
After you upgrade firmware, the IP camera restarts automatically. It retains all configuration information.

Caveats

Table 1 describes the caveats that are resolved in this release.

Table 1 *Caveats Resolved in this Release*

Identifier	Description
CSCti94545	26xx: A reboot may be required after installing CiscoSDCameraViewer.cab
CSCtj31998	26xx: SNMP contact string over 64 characters causes VSMC to show unknown version
CSCtj78661	26xx: Snapshot button disappears after repeated clicks
CSCtj91345	26xx: ActiveX name and publisher info are missing in IE8 add-on list
CSCtj95251	26xx: Video quality may be affected at 5fps and higher bit rates

Table 2 describes the caveats that are open in this release.

Table 2 **Caveats Open in this Release**

Identifier	Description
CSCti46154	26xx: H.264 and MPEG-4 decoders may not be installed with ActiveX control
CSCti94592	26xx: Web UI PTZ command intermittently does not execute in order
CSCtq81848	26xx: Streaming stutters when applying config changes
CSCti46317	26xx: Constant bitrate settings behave as VBR at high bitrates
CSCtq92833	26xx: Video may freeze in Web UI when changing day/night mode

You can use the Bug Toolkit to find information about caveats (bugs) for the this release, including a description of the problems and available workarounds. The Bug Toolkit lists both open and resolved caveats.

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use the Bug Toolkit, follow these steps:

Procedure

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- Step 1** To access the Bug Toolkit, go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** To look for information about a specific problem, enter the bug ID number in the **Search for bug ID** field, then click **Go**.
- Step 4** To look for information if you do not know the bug ID number:
- a. Choose **Security** from the Select Product Category menu.
 - b. Choose the desired product from the Select Product menu.
 - c. Choose the version number from the Software Version menu.
 - d. Under Advanced Options, choose **Use default settings** or **Use custom settings**. The default settings search for severity 1, 2 and 3 bugs, open and fixed bugs, and only bugs containing bug details. Use the custom settings to change the severity and status parameters, or to search for keywords within the bug headline and description.
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Related Documentation

For additional information about the Cisco Video Surveillance IP camera or IP dome, see the *User Guide* for your IP camera or IP dome. User Guides are available at this URL:

www.cisco.com/go/ipcamera

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information about obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and recommended aliases and general Cisco documents, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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