

# Release Notes for the Cisco VC220 Network Camera

November 2012

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## Before You Begin

As with any firmware release, please read these release notes before upgrading the firmware. Cisco also recommends backing up your configuration before any firmware upgrade.

## Cisco VC220 Network Camera, Firmware Version 1.0.3.4

These release notes describe the resolved issues and updates for the Cisco VC220 camera.

### Requirements

- Your computer must meet the recommended hardware and software requirements. (See the [VC220 Administration Guide](#) for complete requirements).

## Release Notes

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- Microsoft Internet Explorer (IE) is the official supported browser for the Cisco VC220 network camera. Other browsers including Firefox and Safari provide limited functionality. Using other browsers may result in delayed MPEG-4 video streaming and disabled audio controls on MJPEG video streams.

## Resolved Issues

Ref Number	Description
CSCth25026	If more than one configuration file is loaded into the Backup TFTP Server, the DHCP Auto Configuration function loads all of the files found in the folder. As a result, the user-specified configuration file can be overwritten by another configuration file.
CSCth02336 CSCth10121	After a session time-out, and you try to log in again, intermittently you can receive a Session Limit message and be unable to log in.

## Open Caveats in Firmware Version 1.0.2.3

Ref Number	Description
CSCuc96883	<p>Default Values</p> <p><b>Symptom:</b> The default username and password have been changed from "admin" (username) and "admin" (password) to "cisco" (username) and "cisco" (password). This change may affect the ability to use the camera Wizard for configuring the camera.</p> <p><b>Workaround:</b> You can use the Wizard to discover the camera but you must access the camera using the web browser if you need to change any of the configuration settings.</p>
CSCth20152	<p>Functionality</p> <p><b>Symptom:</b> On the Setup &gt; Getting Started page, if you click one of the links, the link takes you to the requested page. If you click <b>Back</b> in the browser and then click the same link again, the link does not take you to the requested page.</p> <p><b>Workaround:</b> Use the navigation menu on the left to go to the desired page.</p>

Ref Number	Description
CSCtg87956	<p data-bbox="328 350 516 384">Functionality</p> <p data-bbox="328 415 1515 485"><b>Symptom:</b> When a Cisco VC220 self-signed certificate is generated with Internet Explorer (IE), the Valid From time on the certificate is later than the current time.</p> <p data-bbox="328 516 1349 550"><b>Workaround:</b> Wait until the current time advances to the Valid From time.</p> <p data-bbox="328 632 1292 665"><b>Symptom:</b> A certificate error appears on the IE browser address bar.</p> <p data-bbox="328 697 1515 793"><b>Workaround:</b> The error does not affect access to the camera using HTTPS. Use the following steps to remove the error by manually re-installing the HTTPS certificate on an IE browser:</p> <p data-bbox="328 814 878 848"><b>To Generate A Self-Signed Certificate</b></p> <p data-bbox="328 869 1515 938">In the <b>Common Name</b> box, use your cameras IP address. Using the camera's IP address help you avoid this error.</p> <p data-bbox="328 959 1320 993"><b>To Install A Certificate After Enabling the HTTPS Security Connection</b></p> <p data-bbox="328 1014 1070 1047">Run IE as an Administrator to complete this procedure.</p> <ol data-bbox="328 1079 1515 1816" style="list-style-type: none"><li>1. Left click at <b>Certificate Error</b>.</li><li>2. Click <b>View Certificates</b>.</li><li>3. Click <b>Install Certificate</b>.</li><li>4. Click <b>Next</b>.</li><li>5. Select the radio button <b>Place all certificates in the following store</b>.</li><li>6. Click <b>Browse</b>.</li><li>7. Select by highlighting <b>Trusted Root Certification Authorities</b>.</li><li>8. Click <b>OK</b>.</li><li>9. Click <b>Next</b>.</li><li>10. Select by highlighting <b>Certificate Store Selected by User</b>.</li><li>11. Click <b>Finish</b>.</li><li>12. Click <b>OK</b> at the pop-up <b>The import was successful</b>.</li><li>13. Click <b>OK</b> at the certificate pop-up and logout and log in again.</li></ol>

## Release Notes

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Ref Number	Description
CSCtg78762	<p>Functionality</p> <p><b>Symptom:</b> When recording to a Samba server, video subfolder naming is not consistent.</p> <p><b>Workaround:</b> Videos near a selected time can appear in a different dynamically created subfolder. For example, a \15 folder holds videos created in the 15:00 hour, but can actually contain videos created in the 14:00 hour.</p>
CSCtg78741	<p>Display</p> <p><b>Symptom:</b> The interim Samba filename in *3gp format is not in the standard format.</p> <p><b>Workaround:</b> Once the file is closed, the format becomes mp4 and can be played with VLC.</p>
CSCth26713	<p>Display</p> <p><b>Symptom:</b> In the Network Setting &gt; TCP/UDP Port Settings page, after saving a Secondary HTTP Port, the message false can appear as the port number.</p> <p><b>Workaround:</b> The message is erroneous. The secondary port specified is functional. Logout and log in again to clear the error message.</p>
CSCth32477	<p>Display</p> <p><b>Symptom:</b> The Talk feature is slow to disable after disabling Talk by clicking the <b>Talk</b> icon. Also, the words <b>Stop Talk</b> are displayed rather than the icon.</p> <p><b>Workaround:</b> None.</p>

Ref Number	Description
CSCti87604	<p>You can use third-party video players, such as Apple QuickTime Player or VideoLAN VLC Player to stream real-time video and playback recorded video. In most applications, simply enter the URL of your camera into the video player application in the following format:</p> <pre>rtsp://&lt;IP Address of camera&gt;/&lt;live_video.sdp&gt;</pre> <p><b>NOTE</b> &lt;live_video.sdp&gt; is example of an access name for Video Stream 1. For information on access stream configurations, see the <a href="#">VC220 Administration Guide</a>.</p> <p>In some cases when using Apple QuickTime Player some additional configuration is required. In that case, use the following instructions to play video on a UDP media stream.</p> <p><b>NOTE</b> Apple QuickTime Player does not support HTTPs media streams.</p> <p><b>To Setup:</b></p> <ol style="list-style-type: none"><li>1. Open QuickTime and in the main menu choose <b>Edit &gt; Preferences &gt; QuickTime Preferences</b>.</li><li>2. In the <b>Advanced</b> tab, under Streaming, choose <b>Custom...</b> from Transport Setup. The Streaming Transport pop-up appears.<ul style="list-style-type: none"><li>• Enter <b>UDP</b> as the Transport Protocol.</li><li>• Enter <b>554</b> as the Port ID.</li><li>• Click <b>OK</b> to close the popup window.</li></ul></li><li>3. Click <b>Apply</b> in the Advanced tab.</li><li>4. In the Advanced tab, under <b>Video</b>, choose the button for <b>DirectX</b>.</li><li>5. Check <b>Enable DirectDraw acceleration</b>. (Do not check the other two items.)</li><li>6. Click <b>OK</b>.</li></ol> <p><b>To View Video:</b></p> <ol style="list-style-type: none"><li>1. In QuickTime, choose <b>File &gt; Open URL</b>.</li><li>2. Enter the URL for the video using this format: <code>rtsp://&lt;IP Address of camera&gt;/&lt;live_video.sdp&gt;</code>.</li><li>3. Click <b>OK</b>.</li></ol>

## Related Information

Support	
Cisco Small Business Support Community	<a href="http://www.cisco.com/go/smallbizsupport">www.cisco.com/go/smallbizsupport</a>
Cisco Small Business Support and Resources	<a href="http://www.cisco.com/go/smallbizhelp">www.cisco.com/go/smallbizhelp</a>
Phone Support Contacts	<a href="http://www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html">www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html</a>
Cisco Small Business Firmware Downloads	<a href="http://www.cisco.com/go/smallbizfirmware">www.cisco.com/go/smallbizfirmware</a> Select a link to download firmware for Cisco Small Business Products. No login is required.  Downloads for all other Cisco Small Business products, including Network Storage Systems, are available in the Download area on Cisco.com at <a href="http://www.cisco.com/go/software">www.cisco.com/go/software</a> (registration/login required).
Product Documentation	
Cisco VC220 Network Camera	<a href="http://www.cisco.com/go/smallbizcameras">www.cisco.com/go/smallbizcameras</a> <a href="http://www.cisco.com/go/smallbizaccessories">www.cisco.com/go/smallbizaccessories</a> <a href="http://www.cisco.com/go/surveillance">www.cisco.com/go/surveillance</a>
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	<a href="http://www.cisco.com/web/partners/sell/smb">www.cisco.com/web/partners/sell/smb</a>
Cisco Small Business Home	<a href="http://www.cisco.com/smb">www.cisco.com/smb</a>
Cisco Small Business Surveillance	<a href="http://www.cisco.com/go/vidsw">www.cisco.com/go/vidsw</a>

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