



**Firmware Version:** V1.09.02  
**Agent Version:** 2.2.0-b70  
**Published Date:** 2019/11/12

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## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
V1.09.02	2019/11/12	DCS-960L	A1
V1.07.101	2019/02/12	DCS-960L	A1
V1.04.02	2017/1/6	DCS-960L	A1
V1.03.05	2016/3/31	DCS-960L	A1
V1.02.01	2015/12/14	DCS-960L	A1
V1.01.05	2015/10/21	DCS-960L	A1

## Upgrading Instructions:

Follow the steps below to upgrade the firmware:

1. Download the latest firmware file from the D-Link website. The file is in .bin file format.
2. Log-in camera web UI and enter setup/Maintenance/Firmware upgrade
3. Click Browse... and specify the firmware file.
3. Click Upgrade. The camera starts to upgrade and will reboot automatically when the upgrade completes.

## New Features:

Fireware Version	New Features
V1.07.101	<ol style="list-style-type: none"> <li>1. Verisign update</li> <li>2. Mydlink agent - upgrade to version 2.2.0-b70.</li> </ol>
V1.04.02	<ol style="list-style-type: none"> <li>3. mydlink agent - upgrade to version 2.1.0-b46.</li> <li>4. Support UID feature.</li> </ol>
V1.03.05	<ol style="list-style-type: none"> <li>1. mydlink agent - upgrade to version 2.0.20-b20.</li> </ol>
V1.02.01	<ol style="list-style-type: none"> <li>1. mydlink agent - upgrade to version 2.0.20-b13.</li> </ol>
V1.01.05	<ol style="list-style-type: none"> <li>1. mydlink agent - upgrade to version 2.0.19-b98.</li> <li>2. Enhance f/w upgrade method.</li> </ol>

## Problems Fixed:

Firmware Version	Problems Fixed
V 1.09.02	<ol style="list-style-type: none"> <li>1. Fix security issue</li> </ol>
V1.03.05	<ol style="list-style-type: none"> <li>2. HTTPS certification - modified certification from SHA-1 to SHA256.</li> <li>3. HTTPS certification - generate new https certification after doing factory reset.</li> <li>4. Web Server - implement Authentication only by basic or digest.</li> <li>5. Webpage - ActiveX - Sign ocx with with SHA2 and cab with SHA1.</li> <li>6. Webpage - ActiveX - improved ActiveX for IE disconnect issue.</li> <li>7. Webpage - SD Management - modify the sort order of the sd card file list (newest file first).</li> </ol>

	<ol style="list-style-type: none"> <li>Webpage - Advanced - modified Camera Name format to 0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz_-  for bonjour hostname not work issue.</li> <li>Webpage - FTP - add Login Type option.</li> <li>Webpage - Motion Wizard - only motion trigger for Motion Wizard on event setting page.</li> <li>Webpage - factory reset wait time - modified factory reset wait time from 90 secs to 120 secs.</li> <li>HTTPS certification - using MAC address for random seed to generate private / public key.</li> <li>Motion Detection - improving sensitivity of Motion Detection.</li> <li>Webpage - Plug-in - Using Flash player on Non-IE browsers.</li> <li>Video - fix night mode behavior not correct when device restart at low lux environment</li> <li>Webpage - ActiveX - fixed ActiveX control installed issue.</li> <li>LED - fix DUT LED would solid red after reboot DUT in static IP.</li> <li>FTP - fix FTP upload failed issue when ftp account don't need password.</li> <li>Video - used SDK V7.6.1 and add ispcfg bin files for 50/60Hz and 140/120 AE target.</li> <li>Video - dynamic update 50/60 flicker and 140/120 AE target by ispcfg.</li> <li>Audio - changed audio PCM from stereo to mono.</li> <li>Restore Config Files - fix restoring configure values may incorrect issue when configure values using special character '\$'.</li> <li>System time - modified system time default to 2016.0307.000000.</li> </ol>
V1.02.01	<ol style="list-style-type: none"> <li>Fixing over exposure issue.</li> <li>Solved no H264 output issue when high bitrate is selected.</li> <li>Solved audio volume can't control issue.</li> <li>Modify default system time to 2015.1119.00.00.00.</li> <li>Turn on red LED when firmware upgrading.</li> <li>Return HTTP Status Code from 408 to 403 when CSRF attacking.</li> <li>NetIPCamAPI - https.cgi / icr.cgi - fix response and check parameters incorrect issue.</li> </ol>
V1.01.05	<ol style="list-style-type: none"> <li>Fix incorrect uuid in UPnP.</li> <li>Fix Wi-Fi driver may cause system reboot issue.</li> <li>Replace AAC Encoder to fix AAC issue.</li> <li>Pop alert message when browser is chrome 45+.</li> </ol>

## Known Issues:

Firmware Version	Known Issues

## Related Documentation:

N/A