



**Firmware Version:** V1.06.02  
**Prom Code Version:**  
**Published Date:** 2015/7/20

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## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
V1.06.02	2015/7/20	DCS-935L	A1
V1.05.01	2015/6/16	DCS-935L	A1
V1.04.06	2015/5/4	DCS-935L	A1
V1.03b01	2015/1/28	DCS-935L	A1
V1.02b02	2015/1/7	DCS-935L	A1
V1.01b09	2014/11/28	DCS-935L	A1
V1.00b27	2014/10/14	DCS-935L	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:

Firmware Version	New Features
V1.06.02	<ol style="list-style-type: none"> <li>1. mydlink agent - upgrade mydlink agent to 2.0.19-b50</li> <li>2. Enhance wireless performance.</li> <li>3. Improvement of firmware upgrading.</li> <li>4. Support Security Mode - WPA or WPA2 / TKIP or AES.</li> <li>5. Auto changing webpage language by OS language</li> <li>6. Sort site survey result by signal, SSID, Channel and Encryption.</li> <li>7. Update time zone table for 2015 Russian time zone changed.</li> </ol>
V1.05.01	<ol style="list-style-type: none"> <li>1. upgrade mydlink agent to 2.0.19-b40 for fixing cloud NVR malfunction when audio is disable via web GUI.</li> </ol>
V1.04.06	<ol style="list-style-type: none"> <li>1. Change daylight saving default value from disable to enable.</li> <li>2. Change agent to 2.0.19-b20.</li> </ol>
V1.03b01	<ol style="list-style-type: none"> <li>1. Support cloud NVR via mydlink home App. (depends on territory announcement)</li> <li>2. Blinking power red LED when firmware upgrading.</li> <li>3. Disabled SSLv3 and RC4 algorithm.</li> <li>4. Change agent to 2.0.18-b56.</li> </ol>
V1.02b02	<ol style="list-style-type: none"> <li>1. Enhance image quality.</li> <li>2. Live view doesn't need to reload webpage when change video profile.</li> <li>3. Change agent to 2.0.18 b52.</li> </ol>
V1.01b09	<ol style="list-style-type: none"> <li>1. Enhance image quality</li> <li>2. RTSP Server - fix authentication failed issue when password length is longer</li> </ol>

	<p>than 4 characters.</p> <ol style="list-style-type: none"> <li>3. Webpage -firmware upgrade - increase times for webpage reloading after firmware upgrading.</li> <li>4. Webpage - fix wifi channel is incorrect issue.</li> <li>5. Webpage - Live - add zoom-in 8x function and modify related help info content.</li> <li>6. Webpage - Live - add Motion/Sound and event recording indicator.</li> <li>7. Motion Detection - remove "percentage" setting.</li> <li>8. OpenSSL - upgrade openssl version to 0.9.8zc to fix security issue.</li> <li>9. OSD time cutted issue when H.264 is 720x480, MJPEG is 1280x720.</li> <li>10.Snapshot and Video Clip - implement "Always" and "Schedule" on option - "Trigger By", and modify related Webpages and CGIs.</li> <li>11.Audio Detection - modified audio dB calculation to fix environment sound level can't arrive to 100 db issue.</li> <li>12.Change agent to 2.0.18-b27</li> </ol>
V1.00b27	1 <sup>st</sup> version

## Problems Fixed:

Firmware Version	Problems Fixed
V1.06.02	<ol style="list-style-type: none"> <li>1. Fix security issue -               <ol style="list-style-type: none"> <li>a. Web Server - fix HTTP Request buffer overflow issue.</li> <li>b. Web Server - fix function level access control issue.</li> <li>c. Web Server - fix stored cross-site scripting issue.</li> <li>d. Web Server - fix insecure direct object references issue.</li> <li>e. Web Server - remove QA test CGI - telnet.</li> <li>f. Web page - fix webpage information leakage issue.</li> <li>g. Web page - fix CSRF issue.</li> <li>h. Webpage CGI - fix audiovideo.cgi may cause system crashing issue when parameters are invalid.</li> <li>i. HTTPS - disable unsafe algorithms to fix security issue.</li> <li>j. RTSP Server - fix authentication issue.</li> </ol> </li> </ol>
V1.04.06	<ol style="list-style-type: none"> <li>1. Fix mail sending failed when mail server only supports TLS encryption</li> <li>2. Fix 2 devices have the same IP, router lists 2 devices the same MAC, or device DHCP lease expires issue.</li> <li>3. Linux kernel - resolve localhost TCP connection blocked issue.</li> <li>4. Streaming CGI - modify timeout from 20 secs to 60 secs for fixing connection disconnect easily when network unstable.</li> <li>5. Fix firmware upgrade blocked issue when wifi is unstable.</li> <li>6. Fix Timezone - Paicfic Time (US &amp; Canada) DST time incorrect issue.</li> <li>7. Fix 5G connection unstable issue.</li> <li>8. Fix frame rate issue on low lux environment.</li> <li>9. Wireless default cipher type setting from "TKIP" to "AES" when AP/router supports "TKIP" and "AES".</li> </ol>
V1.03b01	<ol style="list-style-type: none"> <li>1. Fix recording button status abnormal on IE10 webpage.</li> </ol>
V1.02b02	<ol style="list-style-type: none"> <li>1. Fix snapshot/recording stopped issue when snapshot and recording files sent to FTP at the same time.</li> <li>2. Fix OSD text is gibberish sometimes.</li> <li>3. Fix Manual Recording on web page not closing recording file correctly when users close webpage without clicking "stop recording" button.</li> <li>4. WPS compatibility problem. (compatible with D-Link Wi-Fi router - DIR-510L)</li> </ol>

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**Known Issues:**

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<b>Firmware Version</b>	<b>Known Issues</b>

**Related Documentation:**

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N/A