



**Firmware Version:** V1.08.03  
**Prom Code Version:**  
**Published Date:** 2016/11/2

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**Revision History and System Requirement:**

<b>Firmware Version</b>	<b>Date</b>	<b>Model</b>	<b>Hardware Version</b>
V1.08.03	2016/11/2	DCS-2132L	A1
V1.07.01	2015/10/8	DCS-2132L	A1
V1.06.01	2015/8/17	DCS-2132L	A1
V1.05.02	2015/3/8	DCS-2132L	A1
V1.04.00	2015/1/16	DCS-2132L	A1
V1.03.09	2014/7/14	DCS-2132L	A1
V1.02.00	2013/7/29	DCS-2132L	A1
V1.01.10	2013/6/18	DCS-2132L	A1
V1.00.06	2012/8/27	DCS-2132L	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
V1.08.03	<ol style="list-style-type: none"> <li>1. Updated mydlink agent to v2.1.0-b04</li> <li>2. Support UID feature</li> <li>3. Add support new anti-brute force mechanism(block only IP, reset when successful login from one IP)</li> <li>4. Update OpenSSL library to version 1.0.1t.</li> <li>5. Add Chrome Bowser notify message.</li> <li>6. Support TLS v1.1/1.2</li> </ol>
V1.07.01	<ol style="list-style-type: none"> <li>1. Updated mydlink agent to 2.0.19-b60n</li> <li>2. Updated digital signature</li> </ol>
V1.06.01	<ol style="list-style-type: none"> <li>1. Update the mydlink agent to 2.0.19-b60</li> <li>2. Add the login check mechanism on Web GUI to solve Brute Force Attack issue</li> </ol>
V1.05.02	<ol style="list-style-type: none"> <li>1. Update the mydlink agent to 2.0.19-b02</li> </ol>
V1.04.00	<ol style="list-style-type: none"> <li>1. Update the mydlink agent to 2.0.18-b54</li> <li>2. Disable the SSL2.0/3.0</li> <li>3. Disable the RC4/DES</li> </ol>
V1.03.09	<ol style="list-style-type: none"> <li>1. Update the mydlink agent to 2.0.17-b76</li> <li>2. Support MP4 recording format</li> <li>3. Added Schedule Reboot function</li> </ol>
V1.02.00	<ol style="list-style-type: none"> <li>1. Update the mydlink agent to 2.0.17-b18</li> <li>2. Support 2-way audio function at portal and APP</li> <li>3. Support onvif test tool V12.06</li> <li>4. Enhancements the low light image.</li> </ol>
V1.01.10	<p><b>The Firmware is only supported by wizard v1.04.02 or above.</b></p> <ol style="list-style-type: none"> <li>1. Upgrade to UPnP v1.6.18.</li> <li>2. Remove the default account "guest"</li> <li>3. RTSP Authentication is default enable.</li> </ol>
V1.00.06	Initial version.

## Problems Fixed:

Firmware Version	Problems Fixed
V1.08.03	<ol style="list-style-type: none"> <li>1. Fixed Cross-Site Request Forgery issue.</li> <li>2. Fixed DUT don't rebuild HTTPS private key and certification when system factory default. Fixed the Network Time Protocol daemon(ntpd) vulnerabilities issue</li> <li>3. Fixed shutter settings issue for support anti-flicker series.</li> <li>4. Closed unknown hidden TCP ports 1010.</li> <li>5. Fixed IE11 Live page cannot click recording and snapshot function issue for Win8.1 or higher version issue.</li> <li>6. Fixed Curl issue - mail server SMTP authentication fail.</li> <li>7. Fixed Curl-SMTP - the "new mail client" in all cameras with "event management" is not RFC 2821 conform issue.</li> <li>8. Fixed Curl-SMTP - Mail/SAMBA password bug in test mode fail.</li> <li>9. Fixed "https LED/OSD on/off value cannot be save".</li> <li>10. Fixed event motion delay time issue.</li> <li>11. Fixed "when motion detection pre-event = 0 second, then the first frame will not record" issue.</li> <li>12. Fixed mydlink bug - Schedule Record SD card of the re-write function value cannot be save.</li> <li>13. Disable SSH connection function.</li> <li>14. Modify CSRF protection - 403 Forbidden warning string would response "The request is forbidden".</li> <li>15. Fixed the Safari browser cannot show "Image Setup" page information.</li> <li>16. Modify the IR Light default at maximum level.</li> <li>17. Fixed bug of can't use Firefox and Chrome go to web GUI through "advanced" setting.(New CSRF)</li> <li>18. Fixed bug of "the header section the line end is "LFLFCR" (0d0d0a), then destroy the E-Mail layout."</li> <li>19. Fixed bug of "RTSP authentication on the DUT was disabled after load a configuration file that created in first formal firmware."</li> <li>20. Update D-Link Support Page URL to "www.dlink.com".</li> <li>21. Fixed bug of Windows Media Player didn't list any recording file of DUT SD card, and disable the UPnP AV functionality.</li> <li>22. Fixed bug of Start recording and plug-out SD Card, Recording icon don't disappeared.</li> <li>23. Fixed the OpenSSL version several security issue CVE-2016-2107, CVE-2016-2105, CVE-2016-2106,CVE-2016-2109, CVE-2016-2176.</li> <li>24. Modify timeout time of get snapshot information.</li> <li>25. Fixed bug of "uploaded 0KB motion detection video clips to the SD card when SD card is full."</li> <li>26. Fixed bug of "Couldn't login web UI form WAN when DUT PPPoE connected."</li> <li>27. Fixed bug of "DUT wouldn't update its PPPoE public IP to DDNS server."</li> <li>28. Fixed bug of "There is no recording file after click recording button in DUT LIVE VIDEO page."</li> <li>29. Fixed bug of "DUT couldn't go to the preset in the LIVE VIDEO page."</li> </ol>

	<ul style="list-style-type: none"> <li>30. Fixed bug of "Test the FTP server DNS-340L was added by motion detection setup wizard is error."</li> <li>31. Fixed bug of "Test the Email server was added by motion detection setup wizard is error."</li> <li>32. Fixed bug of Wireless Connectivity Issue</li> </ul>
V1.06.01	<ul style="list-style-type: none"> <li>1. Fixed the Cross-Site Scripting(XSS) issue</li> <li>2. Fixed the security issue of tunneling RTSP streaming over HTTP</li> <li>3. Fixed the Network Time Protocol daemon(ntpd) vulnerabilities issue</li> </ul>
V1.05.02	<ul style="list-style-type: none"> <li>1. Fixed the 2-way audio failed issue on iOS8</li> <li>2. Fixed the issue of faulty auto-firmware upgrade mechanism</li> <li>3. Fine-tuned wireless performance</li> </ul>
V1.04.00	<ul style="list-style-type: none"> <li>1. Remove the PSIA protocol that allowed unauthenticated snapshot.</li> </ul>
V1.03.09	<ul style="list-style-type: none"> <li>1. Fixed the issue of ICR switch failed in schedule mode after device reboot.</li> <li>2. Modified that when pre/post event image is set as 0, the device should send off one snapshot.</li> <li>3. Modified FTP time-out to 240 seconds.</li> <li>4. Fixed the issue that the device isn't deleted from mydlink after factory reset and re-connecting to Internet.</li> <li>5. Fixed the issue that failed to delete the first user info in the guest list.</li> <li>6. Fixed the issue that when SD memory size is full by recording, the e-mail notification isn't sent off.</li> <li>7. Fixed the issue that mydlink account is cleared out after downgrading to the previous FW version.</li> <li>8. Fixed the issue that cannot find wireless network when change security mode from WPA to WEP.</li> <li>9. Fixed the issue that camera IP doesn't update to DDNS.</li> <li>10. Modified the event setup that needs to create 2 media for 2 events.</li> <li>11. Fixed the issue of FTP access problem with special character "\$" used for the first letter of account data.</li> <li>12. Fixed the issue that always showed motion alert on mydlink live view page when enable motion detection.</li> <li>13. Fixed the issue that cannot input password in the login window for RTSP authentication.</li> <li>14. Fixed the issue that the live view would be black sometimes when switching video resolution from 480P to 240P or 720P on mydlink portal.</li> <li>15. Fixed the issue that live view didn't show on complete setup page of Setup Wizard.</li> <li>16. Fixed the issue that recorded video file name shows ":" on mydlink portal.</li> <li>17. Fixed the issue that failed to change password in advanced setting page of mydlink portal.</li> </ul>
V1.02.00	<ul style="list-style-type: none"> <li>1. Fix overexposure bug</li> <li>2. Fixed the IPV6 Enable and change the http port the web server will crash.</li> </ul>
V1.01.10	<ul style="list-style-type: none"> <li>1. Remove the default account "guest".</li> <li>2. RTSP Authentication is default enable.</li> </ul>

**Known Issues:**

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<b>Firmware Version</b>	<b>Known Issues</b>
V1.03.09	Spec change: G.726 audio codec wouldn't be supported in FW v1.03 or later.

**Related Documentation:**

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N/A