



**Firmware Version:** V1.16.04  
**Prom Code Version:**  
**Published Date:** 2016/10/25

**Content:**

Upgrading Instructions:..... 2

New Features:..... 2

Problems Fixed: ..... 4

Known Issues: ..... 5

Related Documentation: ..... 5

## Revision History and System Requirement:

| Firmware Version | Date       | Model    | Hardware Version |
|------------------|------------|----------|------------------|
| V1.16.04         | 2016/10/25 | DCS-930L | A1/A2/A3         |
| V1.15.04         | 2016/7/19  | DCS-930L | A1/A2/A3         |
| V1.14.02         | 2015/10/22 | DCS-930L | A1/A2/A3         |
| V1.13.03         | 2015/9/2   | DCS-930L | A1/A2/A3         |
| V1.12.03         | 2015/2/6   | DCS-930L | A1/A2/A3         |
| V1.11_b1         | 2014/3/24  | DCS-930L | A1/A2/A3         |
| V1.10_b2         | 2014/3/24  | DCS-930L | A1/A2/A3         |
| V1.09_b2         | 2013/12/26 | DCS-930L | A1/A2/A3         |
| V1.08_b4         | 2013/2/20  | DCS-930L | A1/A2/A3         |
| V1.07_b5         | 2012/11/19 | DCS-930L | A1               |
| V1.06_b5         | 2012/9/3   | DCS-930L | A1               |
| V1.05_b8         | 2012/6/18  | DCS-930L | A1               |
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## 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   |
|------------------|--|
| V1.16.04         | 1. Upgrade mydlink agent to 2.1.0-b41  |
| V1.15.04         | <ol style="list-style-type: none"> <li>1. Upgrade mydlink agent to 2.1.0-b27.</li> <li>2. Change the HTTPs self-signed certificate to SHA2 algorithms.</li> <li>3. Support Mydlink UID mechanism (mdb get dev_uid)</li> <li>4. Change the support page hyperlink of Firmware Upgrade web-UI to <a href="http://www.dlink.com">www.dlink.com</a>.</li> <li>5. Updated OpenSSL to v0.9.8o.</li> <li>6. Remove mDNSResponder daemon on the unit.</li> </ol> |

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|          | <ol style="list-style-type: none"> <li>Remove the Bonjour settings from the Network Setup web-UI</li> <li>Change the default system time to 2016-01-01</li> <li>Update the years in the copyright statement for IP Camera's web-UI to 2016.</li> <li>Add authentication to CGI /config/stream_info.cgi.</li> <li>Offer the password validation on console port. (Console's Password is synchronized with the admin's password)</li> </ol>   |
| V1.14.02 | <ol style="list-style-type: none"> <li>Update mydlink agent to v2.0.19-b35n.</li> <li>The ActiveX and Java Applet signing certificate are updated.</li> </ol>   |
| V1.13.03 | <ol style="list-style-type: none"> <li>Update mydlink agent to 2.0.19-b35</li> <li>Add the login check mechanism to solve Brute Force Attack issue</li> <li>Change LED blinking time on WPS error/timeout to 10 seconds.</li> <li>Add Hardware Version item on the Status page of the camera's web-GUI.</li> </ol>  |
| V1.12.03 | <ol style="list-style-type: none"> <li>Upgrade mydlink agent to v2.0.18-b61</li> <li>Remove SSL, change to support TLS.</li> </ol>  |
| V1.11_b1 | <ol style="list-style-type: none"> <li>Update mydlink agent to 2.0.17-b60 for fixing mydlink notification fail issue.</li> </ol>  |
| V1.10_b2 | <ol style="list-style-type: none"> <li>New mydlink agent 2.0.17-b55.</li> <li>Change the default FTP to passive mode.</li> <li>Change WPS LED on 10 seconds after WPS succeed.</li> <li>Change LANDAP protocol's password length to 0-32 characters.</li> <li>Change copyright from [2012-2013] to [2012-2014].</li> <li>Change camera default time from [2013-01-01] to [2014-01-01].</li> <li>Support Win 8.1 + IE 11.</li> <li>Support Java 7 Update 51.</li> <li>SSL Certificate will be automatically self signed (regenerated) during initial configuration/factory reset.</li> </ol> |
| V1.09_b2 | <ol style="list-style-type: none"> <li>Add schedule feature for motion detection function.</li> <li>NTP source port change to port 123</li> <li>Add user can configure interval setting for motion detection of mail/ftp.</li> <li>User account name is limit as: 0-9, a-z, A-Z, ".", "-", "_".</li> <li>Update Mydlink agent to v2.0.17-b31</li> <li>Limit "Auto" FTP image frequency not over 5 frames/second.</li> </ol>   |
| V1.08_b4 | <p><b>Firmware V1.08_b4 is only supported by wizard v1.03 or above.</b></p> <ol style="list-style-type: none"> <li>Change maximum admin password length, from 8 characters to 30 characters.</li> <li>Change PPPoE retry timing, retry connection on 30 seconds interval till connect.</li> <li>New ActiveX to support long admin password.</li> <li>Default time change to 2013-01-01</li> <li>Change IR LED Night to Day switch timing to 7 seconds.</li> </ol>   |

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| V1.07_b5 | <ul style="list-style-type: none"> <li>12. Add mydlink agent version displayed on Web UI.</li> <li>13. Update Java program to support new mjpeg streaming format</li> <li>14. Change NTP request timing</li> </ul>   |
| V1.06_b5 | <ul style="list-style-type: none"> <li>1. Upgrade new mydlink agent to v2.0.16-b4</li> <li>2. Secure the configuration file with the new changed encryption method.</li> <li>3. Remove two WebGUI Hidden Pages for RD develop using.</li> <li>4. Remove the Telnet Daemon will be activated about 5 seconds when the Device is booting.</li> <li>5. Remove the hidden FTP server.</li> </ul> |
| V1.05_b8 | <ul style="list-style-type: none"> <li>1. Support Daylight Saving function</li> <li>2. Support Korea language</li> <li>3. Support Digest Authentication</li> <li>4. Support language selection under live view page</li> <li>5. Some Web UI English text wording change</li> <li>6. Upgrade new mydlink agent to v2.0.15-b9</li> </ul>   |
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## Problems Fixed:

| Firmware Version | Problems Fixed   |
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| V1.16.04         | <ul style="list-style-type: none"> <li>1. Fixed an issue that Mydlink service will be off line when FW upgrade to v1.15.04.</li> </ul>   |
| V1.15.04         | <ul style="list-style-type: none"> <li>1. Fixed CSRF vulnerability for the camera's web-UI (Exclude CGI APIs).</li> <li>2. Fixed the "RSA-CRT key leaks" vulnerability.</li> <li>3. Fixed the "LANDAP stack overflow" vulnerability. (discovered by search SEARCH-LAB)</li> <li>4. Remove the "Arbitrary file upload interface" vulnerability. (discovered by search SEARCH-LAB)</li> <li>5. Fixed an issue that Time zone setting for Minsk should be GMT+3.</li> <li>6. Fixed a vulnerability - Authenticated Arbitrary File Upload with Root Privileges. (discovered by IOActive Security)</li> <li>7. Fixed a vulnerability - Authenticated Root OS Command Injection in File Upload. (discovered by IOActive Security)</li> <li>8. Fixed an XSS vulnerability - Stored XSS in User Name. (discovered by IOActive Security)</li> <li>9. Fixed an XSS vulnerability - Reflected XSS in HTTP Host Header. (discovered by IOActive Security)</li> </ul> |

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| V1.13.03 | <ol style="list-style-type: none"> <li>1. Fixed the IE11 compatibility issue in Windows 10.</li> <li>2. Change WPS LED behavior blinking time on WPS error/timeout to 10 seconds.</li> <li>3. Add the pop-up warning message when the user creates an existing user account on Device Web GUI.</li> <li>4. Support to auto-create FTP folder if the folder doesn't exist on FTP server.</li> <li>5. Fixes a vulnerability is found in Korea that a hidden page can enable the Telnet service in the device.</li> <li>6. Fixed HTTPS issue that cause Day/Night control not work from portal/app</li> <li>7. Fixes the issue in which IP Cam cannot create FTP folder with FTP server on Netgear R7000 Router.</li> <li>8. Fixed CGI /reset.cgi reboot command not work issue</li> <li>9. Modify Time Zone Table list to support some existing time zones changes.</li> </ol> |
| V1.09_b2 | <ol style="list-style-type: none"> <li>1. Fixed ip task will be restarted issue on DHCP renew time.</li> <li>2. Fixed E-mail/FTP cannot be started issue if motion detection is enabled first.</li> <li>3. Fixed UpnP issue with DIR-826L router</li> <li>4. The max length of Admin password change to 32 characters</li> </ol>   |
| V1.07_b5 | <ol style="list-style-type: none"> <li>1. Fixed ios6 live view hang issue – modify mjpeg streaming format</li> <li>2. Fixed sometimes startup java view failed on Win 7 + IE9</li> <li>3. Fixed live view issue if http port is changed to 12345.</li> <li>4. Fixed live view streaming cannot pass through router's virtual server.</li> <li>5. Fixed e-mail loss issue when live view the camera.</li> </ol>   |
| V1.06_b5 | <ol style="list-style-type: none"> <li>1. Fixed the live stream can't display when using the https connection.</li> <li>2. Fixed bad audio streaming on 3G internet access.</li> </ol>   |

## Known Issues:

| Firmware Version | Known Issues |
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## Related Documentation:

N/A