# D-Link

**Firmware Version:** V1.04.02
**Prom Code Version:**
**Published Date:** 2019/6/12

## Content:

## Revision History and System Requirement:

| Firmware Version | Date | Model | Hardware Version |
|---|---|---|---|
| V1.04.02 | 2019/6/12 | DCS-5025L | A1 |
| V1.03.07 | 2016/5/12 | DCS-5025L | A1 |
| V1.02.10 | 2015/10/01 | DCS-5025L | A1 |
| V1.01.05 | 2015/07/15 | DCS-5025L | A1 |
| V1.00.20 | 2015/05/15 | DCS-5025L | 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 |
|---|---|
| V1.04.02 | 1. Update Mydlink Agent to v2.2.0-b64<br>2. Change the default system time to 2019/01/01.<br>3. Support digest authentication for Web UI<br>4. Upgrade MatrixSSL to v3.9.3 that resolve the vulnerabilities in MatrixSSL.<br>5. Fixed WPA2 KRACK vulnerability issue.<br>6. Re-sign the ActiveX plugin with the new certificate<br>7. Re-sign the Java applet with the new certificate<br>8. Re-sign the macOS plugin with the new certificate |
| V1.03.07 | 1. Update Mydlink Agent to v2.0.20-b22<br>2. Upgraded OpenSSL to 1.0.1q<br>3. Change the HTTPs self-signed certificate to SHA2 algorithms.<br>4. Change the default system time to 2016-01-01<br>5. Change the copyright year in the web-UI to 2016.<br>6. Support to send the email notification to multiple email addresses.<br>   Note: Multiple recipients must be separated by a semicolon, ';'.<br>7. Add the authentication mechanism for CGI command:<br>   config/stream_info.cgi.<br>8. Modify the CSRF response to follow the D-Link CSRF specification. |

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| V1.02.10 | 1. Update to agent 2.0.19-b85<br>2. Adds functionality to prevent CSRF in Web-UI.<br>3. If adding an existing user account, the web-GUI now pops-up warning. |
| V1.01.05 | 1. Update to agent 2.0.19-b49<br>2. Reduced WPS timeout flash time<br>3. Added Audio noise filter and changed default volume to 50 |
| V1.00.20 | 1. Initial Release supporting mydlink Home app |

## Problems Fixed:

| Firmware Version | Problems Fixed |
|---|---|
| V1.04.02 | 1. Add XSS protection mechanism for CGI command<br>2. For VGA and QVGA profile settings, resize and crop the video frame to the aspect ratio of: 16:9.<br>3. Fixed the "RSA-CRT key leaks" issue.<br>4. Fixed the "LANDAP stack overflow" issue<br>5. Fixed an XSS vulnerability<br>6. Fixed an issue that /config/ptz_move.cgi doesn't move the camera view in the correct direction if the camera is installed upside down and Flip and Mirror are both enabled.<br>7. Fixed when flip and mirror the camera image and customize the home position, the IP Cam will not go back to the customized home position by reboot it.<br>8. Fixes Cross Site Request Forgery (CSRF) for FTP setting<br>9. Fixes denial of service (DoS) for upload firmware and restore configuration<br>10. Remove crossdomain.xml.<br>11. Fixed a command injection issue in the change admin's password configuration<br>12. Fixed when set motion sensitivity to 0%, the motion alarm still occurs.<br>13. Fixed for a buffer overflow issue for passing a large string in the WEPEncryption parameter provided to wireless.htm.<br>14. Fixed the issue where the device can't obtain DHCP IP when connect to an Access Point with Enable "Transfer DHCP Offer to Unicast".<br>15. Change the open source to follow the GPLv2. |
| V1.03.07 | 1. Fixed an issue where IP Camera blocks CGI request from Chrome and Edge.<br>2. Fixed an issue where IP Camera can't auto connect to the specific wireless network when it drops wireless connection. |

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| | 3. Fixed an issue that Time zone setting for Minsk should be GMT+3. |
| V1.02.10 | 1. Fix the Device Time Zone mismatch issue.<br>2. Fixed IP Cam issue where device fails to connect to wireless network when serially connecting to wireless routers using WPS PBC method<br>3. Fixed the issue where Direct Mode DHCP server will deliver dynamic IP address to the AP Client interface of IP Camera.<br>4. Fixed PPPoE auto-reconnect failure when unplug/replug Ethernet cable.<br>5. Fixed issue where Direct mode does not work properly when device is powered on without Ethernet connection.<br>6. Adjusted wlan0_ssid and dcs state value on Bonjour TXT record |
| V1.01.05 | 1. Fixed WPS performance with Atheros Chipset Routers<br>2. WPS process will return to Direct mode if timeout/failure occurs |
| V1.00.20 | 1. Initial Release |
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## Known Issues:

| Firmware Version | Known Issues |
|---|---|
| V1.04.02 | Block the web GUI access in Safari 12. |
| V1.00.20 | Continuous Snapshot to FTP will cause loading issues. |

## Related Documentation:

N/A