



**Firmware Version:** V1.04.01  
**Prom Code Version:**  
**Published Date:** 2018/7/24

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## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
V1.04.01	2018/7/24	DCS-5000L	A1
V1.03.05	2018/1/15	DCS-5000L	A1
V1.02.02	2016/05/09	DCS-5000L	A1
V1.01.01	2015/11/04	DCS-5000L	A1
V1.00.21	2015/10/05	DCS-5000L	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
V1.04.01	<ol style="list-style-type: none"> <li>1. Update Agent to v2.1.0-b64n</li> <li>2. Update ActiveX Plugin to v2.3.2.41</li> <li>3. Update ActiveX and Java Applet signing certificate</li> </ol>
V1.03.05	<ol style="list-style-type: none"> <li>1. Update Agent to 2.0.20-b06</li> <li>2. Updated OpenSSL to v1.0.1t.</li> <li>3. Updated mDNSResponder to 625.41.2.</li> <li>4. Update the ActiveX and Java Applet with renewed code-signing certificate (validity period of the certificate is from 9/30/2016 to 10/1/2019).</li> </ol>
V1.02.02	<ol style="list-style-type: none"> <li>1. Update Mydlink Agent to 2.0.20-b25.</li> <li>2. Watch live streaming using a web browser such as Edge, IE, Firefox, Chrome or Safari supported by Adobe Flash Player.</li> <li>3. Change default live view to Flash mode.</li> <li>4. Change the HTTPs self-signed certificate to SHA2 algorithms.</li> <li>5. Support to send the email notification to multiple email addresses. Note: Multiple recipients must be separated by a semicolon, ';'. </li> <li>6. Change the default system time to 2016-01-01.</li> </ol>

	<ul style="list-style-type: none"> <li>7. Change the copyright year in the web-UI to 2016.</li> <li>8. Upgraded OpenSSL to 1.0.1q</li> <li>9. Add the authentication mechanism for CGI command: config/stream_info.cgi.</li> </ul>
V1.01.01	5. Update Agent to 2.0.20-b06
V1.00.21	1. Initial Release

## Problems Fixed:

Firmware Version	Problems Fixed
V1.03.05	<ul style="list-style-type: none"> <li>1. Fixed the "RSA-CRT key leaks" vulnerability.</li> <li>2. Fixed the "LANDAP stack overflow" vulnerability. (discovered by search SEARCH-LAB)</li> <li>3. Remove the "Arbitrary file upload interface" vulnerability. (Discovered by search SEARCH-LAB).</li> <li>4. Fixed vulnerability - Authenticated Arbitrary File Upload with Root Privileges. (discovered by IOActive Security)</li> <li>5. Fixed vulnerability - Authenticated Root OS Command Injection in File Upload. (discovered by IOActive Security)</li> <li>6. Fixed XSS vulnerability - Stored XSS in User Name. (discovered by IOActive Security)</li> <li>7. Fixed XSS vulnerability - Reflected XSS in HTTP Host Header. (discovered by IOActive Security)</li> <li>8. 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.</li> </ul>
V1.02.02	<ul style="list-style-type: none"> <li>9. Fixed CSRF vulnerability for the camera's web-UI (Exclude CGI APIs).</li> <li>10. Fixed an issue that Time zone setting for Minsk should be GMT+3.</li> <li>11. Fixed an issue that Daylight saving time may not be set correctly for the southern hemisphere.</li> <li>12. Fixed an issue where IP Camera blocks CGI request from Chrome and Edge.</li> <li>13. Fixed the "RSA-CRT key leaks" vulnerability.</li> </ul>
V1.01.01	<ul style="list-style-type: none"> <li>1. Updated Direct Mode behavior to support concurrent client/AP mode</li> </ul>

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## Known Issues:

Firmware Version	Known Issues

## Related Documentation:

N/A