



Firmware Version: V1.05  
Prom Code Version: N/A  
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Content:

Upgrading Instructions:..... 2

New Features:..... 2

Problems Fixed: ..... 2

Known Issues: ..... 3

Related Documentation: ..... 3

## Revision History and System Requirement:

| Firmware Version | Date       | Model     | Hardware Version |
|------------------|------------|-----------|------------------|
| V1.00            | 2015/05/19 | DCS-4701E | A1               |
| V1.01            | 2015/06/30 | DCS-4701E | A1               |
| V1.02            | 2015/10/05 | DCS-4701E | A1               |
| V1.03            | 2015/10/12 | DCS-4701E | A1               |
| V1.04            | 2016/03/14 | DCS-4701E | A1               |
| V1.05            | 2016/12/22 | DCS-4701E | A2               |

## Upgrading Instructions:

Follow the steps below to upgrade the firmware:

1. Download the latest firmware file to your hard drive from the D-Link website.
2. Log-in camera web UI and go to **Maintenance / Firmware** web page upgrade
3. Locate the file (upgraded firmware) on your hard drive by clicking **Choose File**.
4. Click **Upload** to upgrade the firmware on your camera.

## New Features:

| Fireware Version | New Features |
|------------------|--------------|
|                  | N/A          |

## Problems Fixed:

| Firmware Version | Problems Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V1.01.02         | <ol style="list-style-type: none"> <li>1. Fixed image color performance when WDR level setting &gt;6</li> <li>2. Fixed flicking image when anti-flicker setting =50Hz</li> <li>3. Remove the SD card information on Event Setup help hints page.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                 |
| V1.02.02         | <ol style="list-style-type: none"> <li>1.Fixed the security issue of tunneling RTSP streaming over HTTP</li> <li>2.Fixed the Cross-Site Scripting(XSS) issue</li> <li>3.Fixed the Cross-Site Request Forgery (CSFR) issue</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                        |
| V1.03.00         | <ol style="list-style-type: none"> <li>1. Upgrade to new signing keys for fixing Code-Signing Key issue</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| V1.04.00         | <ol style="list-style-type: none"> <li>1. Enhanced image performance</li> <li>2. Enhancement for security issue:               <ol style="list-style-type: none"> <li>a. Support TLS 1.1/1.2.</li> <li>b. CSRF protection default enable and follow DHQ CSRF response rule. .</li> <li>c. Fixed CSRF and Referer issue.</li> <li>d. Cross Site Scripting(XSS) issue.</li> </ol> </li> <li>3. Fixed video drop frame issue while recording by Windows Samba.</li> <li>4. Fixed Curl issue -mail server SMTP authentication fail.</li> <li>5. Fixed motion detection is disable when change IR-LED or ICR setting.</li> </ol> |

|          |                                                                                                                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <ul style="list-style-type: none"><li>6. Fixed "Image Setup" page can't be shown in Safari browser.</li><li>7. Fixed D-Track #HQ20151027000002 [DEUR20151023000013] New Mail Client in firmware is not RFC 2821 conform</li></ul> |
| V1.05.00 | <ul style="list-style-type: none"><li>1. Support ONVIF V16.07</li><li>2. Support SHA 256</li><li>3. Upgrade OpenSSL to 1.0.1t</li><li>4. Fixed minor issues</li></ul>                                                             |

**Known Issues:**

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| <b>Firm ware<br/>Version</b> | <b>Known Issues</b> |
|------------------------------|---------------------|
|                              | N/A                 |

**Related Documentation:**

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N/A