D-Link

Firmware Version: V2.02.00
Published Date: 2019/11/13

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
V2.00.21	2018/11/2	DCS-4701E	B1
V2.01.00	2019/09/02	DCS-4701E	B1
V2.02.00	2019/11/13	DCS-4701E	B1

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/Advanced Setup/System configuration/ Firmware upgrade**
3. Click Browse button… and specify the firmware file.
4. Click Upload. The camera starts to upgrade and will reboot automatically when the upgrade completes.

Notice: HW B1 is applied with different platform, the FW can't not be backward compatible with HW A1.

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New Features:

Fireware Version	New Features
V2.00.21	New GUI (Ver. 3)
V2.01.00	1. Change default video codec to H.264 2. Support SNMP MIB
V2.02.00	1.Remove www.dlinkddns.com option in DDNS settings of IP camera GUI 2.Remove anonymous option in FTP server page of IP camera GUI 3.Support TLS V1.2 and remove TLS V1.0 and V1.1.

Problems Fixed:

Firmware Version	Problems Fixed
V1.01.02	1. Fixed image color performance when WDR level setting >6 2. Fixed flicking image when anti-flicker setting =50Hz 3. Remove the SD card information on Event Setup help hints page.
V1.02.02	1.Fixed the security issue of tunneling RTSP streaming over HTTP 2.Fixed the Cross-Site Scripting(XSS) issue 3.Fixed the Cross-Site Request Forgery (CSFR) issue
V1.03.00	1. Upgrade to new signing keys for fixing Code-Signing Key issue

V1.04.00	1. Enhanced image performance
	2. Enhancement for security issue:
	    a. Support TLS 1.1/1.2.
	    b. CSRF protection default enable and follow DHQ CSRF response rule. .
	    c. Fixed CSRF and Referer issue.
	    d. Cross Site Scripting(XSS) issue.
	3. Fixed video drop frame issue while recording by Windows Samba.
	4. Fixed Curl issue -mail server SMTP authentication fail.
	5. Fixed motion detection is disable when change IR-LED or ICR setting.
	6. Fixed "Image Setup" page can't be shown in Safari browser.
	7. Fixed D-Track #HQ20151027000002 [DEUR20151023000013] New Mail Client in firmware is not RFC 2821 conform

V1.05.00	1. Support ONVIF V16.07 2. Support SHA 256 3. Upgrade OpenSSL to 1.0.1t 4. Fixed minor issues
V2.01.00	1. Add date and time suffix to file name for snapshot 2. Fix NIPICA support table for https 3. Show "Forbidden" and go to LOGOUT page when receive a CSRF attack 4. Follow up the spec of D-Link IP Camera Text Decfinition_v1.2.pdf 5. Fix HELP Multi-national string 6. Change to relative directory for FTP protocol
V2.02.00	1. Fix D-Track bug HQ20190918000006 – fixing DCS-4701E is not able to work with Milestone SW by using ONVIF protocol. 2. Fix D-Track bug HQ20191003000006 – fixing "Stream Authentication" cannot enable issue

	4. Fix D-Track bug HQ20181213000009 – incorrect information in Help. 5. Fix D-Track bug HQ20190912000001 – it cannot allow user to save setting when setting ftp server. 6. Fix bug DBG19070079 – add DCS-4701E will pop-up wrong message in D-ViewCam DCS-100. 7. Fix bug DBG19070069 – it cannot show correct model number in D-ViewCam DCS-100 via ONVIF WS-Discovery. 8. Fix bug DBG19060355 – clear log fail. 9. Fix bug DBG19060357 – the tip message 30 characters are not as same as the maximum password length 30 characters. 10. Fix bug DBG19060330 - After disable IPv6 function but it still allowing to launch IP camera GUI via IPv6 address.

Known Issues:

Firmware Version	Known Issues
	N/A

Related Documentation:

N/A