



Firmware Version: V2.05
Prom Code Version:
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Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
V1.00	2012/1/12	DCS-6112 DCS-6113	A1
V1.10	2012/2/2	DCS-6112V DCS-6113V	A1
V2.00	2014/10/20	DCS-6112 DCS-6113 DCS-6113V	B1
V2.01	2015/7/21	DCS-6112 DCS-6113 DCS-6113V	B1
V2.02	2015/10/15	DCS-6112 DCS-6113 DCS-6113V	B1
V2.03	2015/12/14	DCS-6112 DCS-6113 DCS-6113V	B1
V2.04	2015/01/25	DCS-6112 DCS-6113 DCS-6113V	B1
V2.05	2017/05/03	DCS-6112 DCS-6113 DCS-6113V	B1

Upgrading Instructions:

This FW version for HW B1 which not backward compatible to Ax version.
Follow the steps below to upgrade the firmware:

1. Log-in camera web UI and enter setup/Maintenance/Firmware upgrade
2. 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
V2.00	<ol style="list-style-type: none"> 1. Enhance frame rate to from 1920x1080@15fps 30fps 2. Enhance IR illuminator distance from 10meter to 15meter
V2.03	<ol style="list-style-type: none"> 1. Force RTSP authorization default set to "Digest", even load previous Configuration file. 2. Add CSRF protection On/Off option. 3. While Browser in not support stream codec, will auto use MJPEG for stream codec. Like Chrome.

Problems Fixed:

Firmware Version	Problems Fixed
V2.00	<ol style="list-style-type: none"> 1. Remove GSM-AMR UI option 2. Remove "one hour" option from NTP server setting

	<ul style="list-style-type: none"> 3. Fix IE10 UI bugs 4. Fix the Reboot schedule NIPCA cgi 5. Fix D-Lab bug DBG13110343 : IPV6 DNS couldn't be shown in 2 lines when the DUT receive 2 IPV6 DNS address 6. Fix D-Lab bug DBG13120232 : camera often logs critical LANDAP parse incorrect ID when DVC connect to DUT.
V2.02	<ul style="list-style-type: none"> 1. Fixed Security holes issues <ul style="list-style-type: none"> a. RTSP authentication b. Slowloris HTTP DoS c. Password Stored in Web Page d. Open SSL binary transmitting) e. Disable SIP port, FTP port, SSL v3.0. 2. Support Onvif14.06 Profile S 3. Support user input Dynamic DDNS Server Address 4. Show HW version and Model name in System overview 5. Change to 2015 version Digital Signature. 6. Show alert message if User use Chrome v45 and above.
V2.03	<ul style="list-style-type: none"> 1. Fix VLC can't open DUT RTSP stream. 2. Modify Brute Force attack Lock protection time from 3 minutes to 5 minutes.
V2.04	<ul style="list-style-type: none"> 1. Change default streaming for Chrome use "MJPEG". 2. Update Windows IE plugin for SHA2 certification. (ActiveX) 3. Security holes issues Fix 4. Clear useless handle event message log post.
V2.05.01	<ul style="list-style-type: none"> 1. Security issues Fix: <ul style="list-style-type: none"> a. Delete telnet cgi b. Add and Link openssl lib 1.0.1t c. HTTPS SHA-2, Certificate Signature Algorithm SHA-2 d. XSS protect: <ul style="list-style-type: none"> All fields on webpage and NIPCA, follow below rules: (1) Webpage cannot allow user to input '<', '>', '%', '(', ')', '&' (2) nipca cannot allow user to input '<', '>', '%', '(', ')', '&' And return bad request 400. Except nipca allow user to input %20 2. All webpage contain streaming can be watched by IE10 and IE11

Known Issues:

Firmware Version	Known Issues

Related Documentation:

N/A