

Browser address bar: http://192.168.0.20/setup.htm

Navigation tabs: LIVE VIDEO | **SETUP** | ADVANCED | MAINTENANCE | STATUS | HELP

Left sidebar menu: Setup Wizard | **Network Setup** | Dynamic DNS | Image Setup | Audio and Video | Lens Control | Preset | Motion Detection | Time and Date | Event Setup | SD Card | Logout

### NETWORK SETUP

You can configure your LAN and Internet settings here.

Buttons: Save Settings | Don't Save Settings

#### LAN SETTINGS

DHCP  
 Static IP Client

IP address: 192.168.0.20  
Subnet mask: 255.255.255.0  
Default router: 0.0.0.0  
Primary DNS: 0.0.0.0  
Secondary DNS: 0.0.0.0

Enable UPnP presentation  
 Enable UPnP port forwarding

Forwarding Port: 1024 [Test]  
Forwarding Status: UPnP forwarding is inactive

#### PPPOE SETTINGS

Enable  Disable

User Name: \_\_\_\_\_  
Password: \_\_\_\_\_  
Confirm password: \_\_\_\_\_  
PPPoE Status: PPPoE is inactive.

#### HTTP

HTTP port: 80  
Access name for stream1: video1.mjpg  
Access name for stream2: video2.mjpg

#### HTTPS

HTTPS port: 443

#### RTSP

Authentication: Disable  
RTSP port: 554  
Access name for stream1: live1.sdp

#### Helpful Hints..

**Select DHCP Connection:** If you are running a DHCP server on your network and would like an IP address assigned to your IP camera automatically.

**UPnP:** Enabling UPnP settings will allow you to configure your IP camera as an UPnP device in the network.

**PPPoE Setting:** If you use the IP camera to connect directly to the Internet, you will need to enter the username and password, which were given to you when you set up your account with your Internet Service Provider. If the camera is behind a router or a gateway, you do not need to configure this setting.

**HTTP:** HTTP Port is the port you allocate in order to connect to the IP camera via a standard web browser.

**HTTPS:** HTTPS Port in a IP camera connects it with a PC via a secure web browser.

**RTSP:** RTSP Port is the port you allocate in order to connect to a IP camera by using streaming mobile device(s), such as a mobile phone or PDA.

**CoS (Class of Service):** Coarsely-grained traffic control based on the L2 protocol. Class of Service technologies do not guarantee a level of service in terms of bandwidth and delivery time, they offer a "best-effort".

**QoS (Quality of Service):** Finely-grained traffic control, a resource reservation control mechanism. Quality of service. [www.ietf.org](http://www.ietf.org)

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### RTSP

Authentication: Disable  
 RTSP port: 554  
 Access name for stream1: live1.sdp  
 Access name for stream2: live2.sdp

### COS SETTINGS

Enable CoS  
 VLAN ID: 1 [0~4095]  
 Live video: 0  
 Live audio: 0  
 Event/Alarm: 0  
 Management: 0

### QOS SETTINGS

Enable QoS  
 Live video: 0  
 Live audio: 0  
 Event/Alarm: 0  
 Management: 0

### IPv6

Enable IPv6  
 IPv6 Information  
 Manually setup the IP address  
 Optional IP address / Prefix length: / 64  
 Optional default router:  
 Optional primary DNS:

### MULTICAST

Enable multicast for stream 1  
 Multicast group address: 239.1.1.1  
 Multicast video port: 6550  
 Multicast RTCP video port: 6551  
 Multicast audio port: 6552  
 Multicast RTCP audio port: 6553  
 Multicast TTL [1~255]: 64  
 Enable multicast for stream 2

effort\*.  
**QoS (Quality of Service):** Finely-grained traffic control, a resource reservation control mechanism. Quality of service guarantees are important if the network capacity is insufficient, especially for real-time streaming multimedia applications.  
**Enable IPv6:** Select this option and click Save to enable IPv6 setting. Please note that this only works if your network environment and hardware equipment support IPv6. The browser should be Microsoft @ Internet Explorer 6.5, Mozilla Firefox 3.0 or above. When IPv6 is enabled, by default, the Network Camera will listen to router advertisements and be assigned a link-local IPv6 address accordingly.  
**IPv6 Information:** Click this button to obtain the IPv6 information. If your IPv6 setting are successful, the IPv6 address list will be listed in the pop-up window. Please follow the steps below to link to an IPv6 address:  
 1) Open your web browser.  
 2) Enter the link-global or link-local IPv6 address in the address bar of your web browser.  
 3) Press Enter on the keyboard or click Refresh button to refresh the webpage.  
**Manually setup the IP address:** Select this option to manually configure IPv6 setting if your network environment does not have DHCPv6 server and advertisements-enabled routers.  
**Multicast:** Click the items to display the detailed configuration information. Select the

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### DYNAMIC DNS

The Dynamic DNS feature allows you to use a domain name that you have purchased (www.yourdomain.com) to access your IP camera with a dynamically assigned IP address. Most broadband Internet service providers assign dynamic (changing) IP addresses. By using a DDNS service, you can enter your domain name to connect to your IP camera no matter what your IP address is.  
[Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com.](http://www.dlinkddns.com)  
 Save Settings Don't Save Settings

### DYNAMIC DNS SETTING

Enable DDNS  
 Server Address: www.dlinkddns.com << www.dlinkddns.com  
 Host Name: Select Dynamic DNS Server  
 User Name: www.dlinkddns.com  
 Password: www.DynDNS.org  
 Verify Password:  
 Timeout: 24 (hours)  
 Status: Active  
 Save Settings Don't Save Settings

### Helpful Hints..

Dynamic DNS is useful if you have a DSL or Cable service provider that changes your modem IP address periodically. This will allow you to assign a website domain name to your IP camera instead of connecting through an IP address.

**SECURITY**

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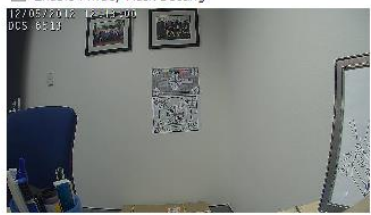
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## IMAGE SETUP

Changes to your IP camera settings are made immediately.

### LIVE VIDEO

Enable Privacy Mask Setting



### IMAGE SETTINGS

Mirror  On  Off  
 Flip  On  Off  
 Power Line  60 Hz  50 Hz  
 White Balance **Auto**  
 Exposure Mode **Indoor** Max Gain **36** dB  
 Enable automatic Iris adjustment  
 Denoise **0**  
 Brightness **128**  
 Contrast **128**  
 Saturation **128**  
 Sharpness **128**  
 WDR Level **WDR** **5**

Reset Default

### Helpful Hints..

**Privacy Mask:** Click the attached box to activate this function. Now use your mouse to draw a rectangle covering the area you want hidden. Click the box again to deactivate the function.

**Mirror:** This function horizontally reverses your images 180 degrees.

**Flip:** This function vertically reverses your images 180 degrees.

**Power Line:** This setting is used to remove 50/60 Hz flicker.

**White Balance:** White Balance - Is the process of removing unrealistic color casts, so that objects which appear white in person are rendered white in your photo.

**Exposure Mode:** Exposure is the total amount of light allowed to fall on the image sensor during the process of capturing an image. You may choose different scene modes to produce the better images.

**Max Gain:** It can always be enabled automatically. But you have an option- you can change Max Gain either automatically or manually.

**Iris Adjustment:** To achieve special inventive effects or to deal with special lighting situations.

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## IMAGE SETUP

Changes to your IP camera settings are made immediately.

### LIVE VIDEO

Enable Privacy Mask Setting



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### IMAGE SETTINGS

Mirror  On  Off  
 Flip  On  Off  
 Power Line  60 Hz  50 Hz  
 White Balance Auto  
 Exposure Mode Auto Max Gain 36 dB  
 Enable automatic  
 Denoise  
 Brightness 128  
 Contrast 128  
 Saturation 128  
 Sharpness 128  
 WDR Level WDR 5

Reset Default

### Helpful Hints..

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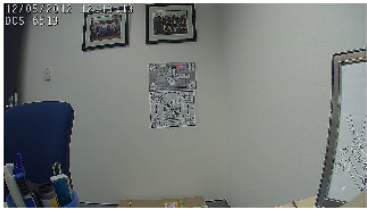
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## IMAGE SETUP

Changes to your IP camera settings are made immediately.

### LIVE VIDEO

Enable Privacy Mask Setting



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### IMAGE SETTINGS

Mirror  On  Off  
 Flip  On  Off  
 Power Line  60 Hz  50 Hz  
 White Balance   
 Exposure Mode  Max Gain  dB  
 Enable automatic  
 Denoise   
 Brightness   
 Contrast   
 Saturation   
 Sharpness   
 WDR Level

### Helpful Hints..

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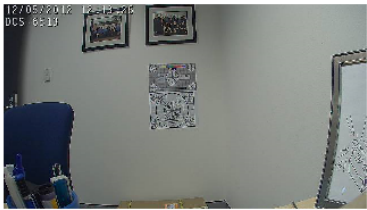
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### IMAGE SETUP

Changes to your IP camera settings are made immediately.

#### LIVE VIDEO

Enable Privacy Mask Setting



127.0.0.1:80  
065 05:17

#### IMAGE SETTINGS

Mirror  On  Off  
 Flip  On  Off  
 Power Line  60 Hz  50 Hz  
 White Balance **Auto**  
 Exposure Mode **Indoor** Max Gain **36** dB  
 Enable automatic Iris adjustment  
 Iris adjustment Min  Max  [0..60] F 3.55  
 Iris speed Low  High  [0..3]  
 Denoise **0**  
 Brightness **128**  
 Contrast **128**  
 Saturation **128**  
 Sharpness **128**  
 WDR Level **WDR** **5**

Reset Default

#### Helpful Hints..

**Privacy Mask:** Click the attached box to activate this function. Now use your mouse to draw a rectangle covering the area you want hidden. Click the box again to deactivate the function.

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**Flip:** This function vertically reverses your images 180 degrees.

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**White Balance:** White Balance - Is the process of removing unrealistic color casts, so that objects which appear white in person are rendered white in your photo.

**Exposure Mode:** Exposure is the total amount of light allowed to fall on the image sensor during the process of capturing an image. You may choose different scene modes to produce the better images.

**Max Gain:** It can always be enabled automatically. But you have an option - you can change Max Gain either automatically or manually.

**Iris Adjustment:** To achieve special inventive effects or to deal with special lighting situations. The iris also can be adjusted manually.

**Iris Speed:** To adjust opening and closing speed of the iris from "High" to "Low" steps.



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### AUDIO AND VIDEO

This section allows you to configure the sound and video of your camera. You can configure different settings depending on whether you are viewing content from a PC or a Mobile Phone / PDA.

#### VIDEO SETTINGS

Number of active profiles:  (dropdown: 1, 2, 3) **Warning: Change the aspect ratio will clear the settings of privacy mask and preset and motion detection.**

Aspect ratio:  (dropdown: 1, 2, 3)

#### VIDEO PROFILE 1

Mode:  (dropdown)  
Frame size:  (dropdown)  
View window area:  (dropdown)  
Maximum frame rate:  (dropdown)  
Video quality:  
Constant bit rate:   (dropdown)  
Fixed quality:   (dropdown)

#### VIDEO PROFILE 2

Mode:  (dropdown)  
Frame size:  (dropdown)  
View window area:  (dropdown)  
Maximum frame rate:  (dropdown)  
Video quality:  (dropdown)

#### AUDIO SETTINGS

Encoding:  (dropdown)  
 Audio in off  
Audio in gain level:  (dropdown)  
 Audio out off  
Audio out volume level:  (dropdown)

#### Helpful Hints..

Higher frame size, frame rate and bit rate gives better video quality. At the same time, it requires more network bandwidth.

For best viewing results on a mobile phone, we suggest setting the Frame Rate to 5fps and the Bit Rate to 64 kbps.

**Number of active profiles:** Number of profiles that you wish to active. The maximum profiles are three.

**Aspect Ratio:** An aspect ratio is the ratio between the width and height of an image.

**Mode:** It can be H.264, JPEG, or MPEG4. In JPEG mode, the video frames are independent; MPEG4 consumes much less network bandwidth than JPEG, and H.264 can use less bandwidth but better image quality.

**Frame Size:** 7 options exist for the sizes of the video display. It is recommended using 176x144 for mobile viewing and 1920x1080 for computer viewing.

**View window area:** The viewing region of the current video stream.

**Max frame rate:** The maximum number of frames that is displayed in 1 second. 30fps is the highest video quality for this camera. In general, any frame rate above 15 fps is imperceptible to the human eye.

**Video Quality:** This limits the maximal refresh frame rate, which can be combined with the 'Fixed quality' to optimize the bandwidth utilization and video quality. If the User

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### AUDIO AND VIDEO

This section allows you to configure the sound and video of your camera. You can configure different settings depending on whether you are viewing content from a PC or a Mobile Phone / PDA.

Save Settings Don't Save Settings

#### VIDEO SETTINGS

Number of active profiles: 2  
Aspect ratio: 16:9 **Warning: Change the aspect ratio will clear the settings of privacy mask and preset and motion detection.**  
Save Default

#### VIDEO PROFILE 1

Mode: H.264  
Frame size: MPEG 0  
View window area: H.264 0  
Maximum frame rate: 25  
Video quality: Constant bit rate 2M Fixed quality Excellent

#### VIDEO PROFILE 2

Mode: JPEG  
Frame size: 640x360  
View window area: 640x360  
Maximum frame rate: 25  
Video quality: Excellent

#### AUDIO SETTINGS

Encoding: 6.711  
 Audio in off  
Audio in gain level: 20dB  
 Audio out off  
Audio out volume level: 10  
Save Settings Don't Save Settings

#### Helpful Hints..

Higher frame size, frame rate and bit rate gives better video quality. At the same time, it requires more network bandwidth.

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**View window area:** The viewing region of the current video stream.

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Save Settings Don't Save Settings

#### VIDEO SETTINGS

Number of active profiles: 2  
Aspect ratio: 16:9 **Warning: Change the aspect ratio will clear the settings of privacy mask and preset and motion detection.**  
Save Default

#### VIDEO PROFILE 1

Mode: H.264  
Frame size: 1920x1080  
View window area: 1280x720  
Maximum frame rate: 800x450  
Video quality: 640x360  
Constant bit rate: 480x270  
Fixed quality: 320x176  
Excellent

#### VIDEO PROFILE 2

Mode: JPEG  
Frame size: 640x360  
View window area: 640x360  
Maximum frame rate: 25  
Video quality: Excellent

#### AUDIO SETTINGS

Encoding: 6.711  
 Audio in off  
Audio in gain level: 20dB  
 Audio out off  
Audio out volume level: 10  
Save Settings Don't Save Settings

#### Helpful Hints..

Higher frame size, frame rate and bit rate gives better video quality. At the same time, it requires more network bandwidth.

For best viewing results on a mobile phone, we suggest setting the Frame Rate to 5fps and the Bit Rate to 64 kbps.

**Number of active profiles:** Number of profiles that you wish to active. The maximum profiles are three.

**Aspect Ratio:** An aspect ratio is the ratio between the width and height of an image.

**Mode:** It can be H.264, JPEG, or MPEG4. In JPEG mode, the video frames are independent; MPEG4 consumes much less network bandwidth than JPEG, and H.264 can use less bandwidth but better image quality.

**Frame Size:** 7 options exist for the sizes of the video display. It is recommended using 176x144 for mobile viewing and 1920x1080 for computer viewing.

**View window area:** The viewing region of the current video stream.

**Max frame rate:** The maximum number of frames that is displayed in 1 second. 30fps is the highest video quality for this camera. In general, any frame rate above 15 fps is imperceptible to the human eye.

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Save Settings Don't Save Settings

#### VIDEO SETTINGS

Number of active profiles: 2  
Aspect ratio: 16:9 **Warning: Change the aspect ratio will clear the settings of privacy mask and preset and motion detection.**  
Save Default

#### VIDEO PROFILE 1

Mode: H.264  
Frame size: 1920x1080  
View window area: 1920x1080  
Maximum frame rate: 25  
Video quality: 25  
Constant bit rate: 15  
Fixed quality: 4  
Excellent

#### VIDEO PROFILE 2

Mode: JPEG  
Frame size: 640x360  
View window area: 640x360  
Maximum frame rate: 25  
Video quality: Excellent

#### AUDIO SETTINGS

Encoding: 6.711  
 Audio in off  
Audio in gain level: 20dB  
 Audio out off  
Audio out volume level: 10  
Save Settings Don't Save Settings

#### Helpful Hints..

Higher frame size, frame rate and bit rate gives better video quality. At the same time, it requires more network bandwidth.

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**Aspect Ratio:** An aspect ratio is the ratio between the width and height of an image.

**Mode:** It can be H.264, JPEG, or MPEG4. In JPEG mode, the video frames are independent; MPEG4 consumes much less network bandwidth than JPEG, and H.264 can use less bandwidth but better image quality.

**Frame Size:** 7 options exist for the sizes of the video display. It is recommended using 176x144 for mobile viewing and 1920x1080 for computer viewing.

**View window area:** The viewing region of the current video stream.

**Max frame rate:** The maximum number of frames that is displayed in 1 second. 30fps is the highest video quality for this camera. In general, any frame rate above 15 fps is imperceptible to the human eye.

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### AUDIO AND VIDEO

This section allows you to configure the sound and video of your camera. You can configure different settings depending on whether you are viewing content from a PC or a Mobile Phone / PDA.

Save Settings | Don't Save Settings

#### VIDEO SETTINGS

Number of active profiles: 2  
Aspect ratio: 16:9 **Warning: Change the aspect ratio will clear the settings of privacy mask and preset and motion detection.**  
Save | Default

#### VIDEO PROFILE 1

Mode: H.264  
Frame size: 1920x1080  
View window area: 1920x1080  
Maximum frame rate: 25  
Video quality:  
Constant bit rate: 2M  
Fixed quality: Excellent

#### VIDEO PROFILE 2

Mode: JPEG  
Frame size: 640x360  
View window area: 640x360  
Maximum frame rate: 25  
Video quality: Excellent

#### AUDIO SETTINGS

Encoding: 6.711  
 Audio in off  
Audio in gain level: 20dB  
 Audio out off  
Audio out volume level: 10  
Save Settings | Don't Save Settings

#### Helpful Hints..

Higher frame size, frame rate and bit rate gives better video quality. At the same time, it requires more network bandwidth.

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### LENS CONTROL

There is a red rectangular frame as an insert which can be moved in the live image of this setting page. You can fine tune the lens focus of the red frame by selecting the automatic option or just modify it manually.


### LENS CONTROL



12/05/2012 12:41:29  
DCS-6513

Focus Mode :

Lens Zoom Speed :

Zoom :   

### Helpful Hints..

**Zoom:** Use the zoom function to control the camera image to zoom out or zoom in.

**Focus:** Use the focus function to control the camera image to focus far or focus near.

**Auto mode:** The screen is split into 9 rectangular areas marked in red frames. Left click the mouse on the areas you wish to focus on. In a few seconds, your choice will be activated. The scroll bar under the screen has the 'Zoom in' icon on the left side, and the 'Zoom out' icon on the right. Click on the bar to get the 'Zoom in' function on the left, and 'Zoom out' on the right.

**Manual Mode:** Here we don't have the red rectangles, but we have 2 options: 'Zoom' and 'Focus', with Zoom's icons being 'Zoom in' and 'Zoom out', and Focus's icons being 'Near' and 'Far'.

**Lens Zoom Speed:** It controls the speed of each step of Pan, Tilt and Zoom.

## SECURITY

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# D-Link

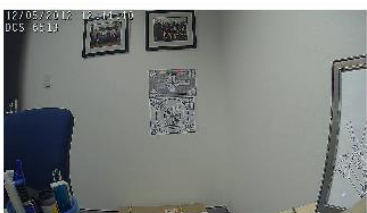
DCS-6513 // LIVE VIDEO SETUP ADVANCED MAINTENANCE STATUS HELP

Setup Wizard  
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## LENS CONTROL

There is a red rectangular frame as an insert which can be moved in the live image of this setting page. You can fine tune the lens focus of the red frame by selecting the automatic option or just modify it manually.



### LENS CONTROL





12/05/2012 12:05:00  
DCS-6513

Focus Mode :

Lens Zoom Speed :

Zoom :   

Focus :   

### Helpful Hints..

**Zoom:** Use the zoom function to control the camera image to zoom out or zoom in.

**Focus:** Use the focus function to control the camera image to focus far or focus near.

**Auto mode:** The screen is split into 9 rectangular areas marked in red frames. Left click the mouse on the areas you wish to focus on. In a few seconds, your choice will be activated. The scroll bar under the screen has the 'Zoom in' icon on the left side, and the 'Zoom out' icon on the right. Click on the bar to get the 'Zoom in' function on the left, and 'Zoom out' on the right.

**Manual Mode:** Here we don't have the red rectangles, but we have 2 options: 'Zoom' and 'Focus', with Zoom's icons being 'Zoom in' and 'Zoom out', and Focus's icons being 'Near' and 'Far'.

**Lens Zoom Speed:** It controls the speed of each step of Pan, Tilt and Zoom.

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**PRESET CONTROL**

Using the Pan and Tilt controls, move the camera view to the required position. There are provides the tools for creating and saving Preset positions & Preset Sequence.

**PRESET CONTROL**



VIDEO PROFILE :

ePTZ Speed :

↑

← Home →

↓

**PRESET**

Input Preset Name :

Support(0~9,A~Z,a~z,-,\*,/,\_)

Preset List :

**PRESET SEQUENCE**

Preset Name : Dwell time

↑

🗑

↓

Preset List :

Dwell time :   Second(s)[3~30]

**Helpful Hints..**

**Input Preset Name:** Using the Pan, Tilt and Zoom (PTZ) controls, move the camera view to the required position and simply by selecting the preset's name.

**Add:** This camera position is then saved as a preset position in the camera.

**GoTo:** for test the preset the preset position.

**Preset Sequence:** A preset sequence is an automated series of camera movements from one preset position to another. A guard tour can be set up to display the video streams from different preset positions in a pre-determined order, and for configurable time periods.

**Add:** set up a new preset sequence, Modify to change, and Remove to remove an existing preset sequence.



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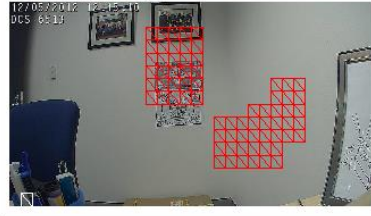
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## MOTION DECTION

In order to use motion detection, you must first check the checkboxes, then draw the areas you want to monitor for motion.

Enable Video Motion



12/05/2012 12:15:19  
DCS-6513

Sensitivity: 85 0~100%  
Percentage: 5 0~100%

Helpful Hints..  
**Enable Video Motion:** Select this option to enable motion detection for your camera.  
**Sensitivity:** Sets the sensitivity for motion detection. The text field indicate the level of sensitivity for motion detection. As motion is detected the level will rise depending on the frequency of the movement.  
**Percentage:** Adjusting the percentage allows you to set a requirement on how much of the motion window must be filled by movement. Example: If you set this to 50%, then the selected window must be half filled by a moving object before it triggers motion detection.

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### TIME AND DATE

You can set the current time for the IP camera.

Save Settings Don't Save Settings

### TIME CONFIGURATION

Time Zone (UTC+10:00) Canberra, Melbourne, Sydney

Enable Daylight Saving

Auto Daylight Saving

Set date and time manually

Offset +2:00

Start time	Month	Week	Day of week	Hour	Minutes
5	1	Sunday	00	00	
End time	Month	Week	Day of week	Hour	Minutes
10	1	Sunday	00	00	

### AUTOMATIC TIME CONFIGURATION

Synchronize with NTP Server

NTP Server ntp.dlink.com.tw << Select NTP Saver

- Select NTP Saver
- ntp1.dlink.com
- ntp.dlink.com.tw

### SET DATE AND TIME MANUALLY

Set date and time manually

Year	2012	Month	12	Day	5
Hour	12	Minute	15	Second	15

Copy Your Computer's Time Settings

Save Settings Don't Save Settings

### Helpful Hints..

Good timekeeping is important for accurate logs and scheduled firewall rules.

**Time Zone:** Select your time zone from the drop-down menu.

**Enable Daylight Saving:** Select this to enable the daylight saving time.

**Auto Daylight Saving:** When you select it, the clock is automatically adjusted according to the daylight saving time of the selected time zone.

**Offset:** Select the time offset, if your location observes daylight saving time.

**Synchronize with NTP Server:** With the option selected, the camera will synchronize the time settings with the NTP server over the Internet whenever the camera starts up. If the timeserver cannot be reached, no time settings will be applied.

**NTP Server:** Network Time Protocol (NTP) synchronizes the IP camera with an Internet time server. Choose the one that is closest to your location.

**Copy Your Computer's Time Settings:** This will synchronize the time information from your PC.

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### TIME AND DATE

You can set the current time for the IP camera.

Save Settings Don't Save Settings

### TIME CONFIGURATION

Time Zone (UTC+10:00) Canberra, Melbourne, Sydney

Enable Daylight Saving

Auto Daylight Saving

Set date and time manually

Offset: +2:00

Offset	Week	Day of week	Hour	Minutes
+2:00		Sunday	00	00
+1:30		Sunday	00	00
+1:00		Sunday	00	00
+0:30		Sunday	00	00
-0:30		Sunday	00	00
-1:00		Sunday	00	00
-1:30		Sunday	00	00
-2:00		Sunday	00	00

Start time: Sunday 00:00

End time: Sunday 00:00

### AUTOMATIC TIME CONFIGURATION

Synchronize with NTP Server

NTP Server: ntp.dlink.com.tw << Select NTP Server

### SET DATE AND TIME MANUALLY

Set date and time manually

Year: 2012 Month: 12 Day: 5

Hour: 12 Minute: 15 Second: 15

Copy Your Computer's Time Settings

Save Settings Don't Save Settings

### Helpful Hints..

Good timekeeping is important for accurate logs and scheduled firewall rules.

**Time Zone:** Select your time zone from the drop-down menu.

**Enable Daylight Saving:** Select this to enable the daylight saving time.

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**EVENT SETUP**

There are four sections in Event Setup page. They are event, server, media and recording. Click Add to pop a window to add a new item of event, server, media or recording. Click Delete to delete the selected item from event, server, media or recording. Click on the item name to pop a window to edit it. There can be at most 3 events and 2 recording. There can be at most 5 server and 5 media configurations.

**SERVER**

Name	Type	Address/Location
<a href="#">Mail serve..</a>	Email	mail.com.au

Add Mail server Delete

**MEDIA**

Media freespace: 6700KB

Name	Type	Source
<a href="#">1Snap</a>	Snapshot	Profile 1

Add 1Snap Delete

**EVENT**

Name	Status	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Time	Trigger
<a href="#">Motion1</a>	OFF	V	V	V	V	V	V	V	00:00~23:59	Motion

Add Motion1 Delete

**RECORDING**

Name	Status	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Time	Source	Destination
<a href="#">Rec1</a>	ON	V	V	V	V	V	V	V	00:00~23:59	Profile 1	

Add Rec1 Delete

**Helpful Hints..**

Suggest setting server and media first before setting event. The servers and media which selected in event list are not be able to modify or delete. Please remove them first from the event if you want to delete or modify them. Recommend using different media in different event to make use all media be produced and received correctly. If using the same media in different events and the events trigger almost simultaneously, the servers in the second triggered event will not receive any media; there would be only notifications.

**SECURITY**

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Browser window: http://192.168.0.20/setup.htm | D-LINK CORPORATION | IN...

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## SERVER

You can set at most 5 different servers here for different event.

[Test] [Save Settings] [Don't Save Settings]

### SERVER TYPE

Server Name: Mail server

Email

Sender email address: camera@company.com.au  
Recipient email address: security@company.com.au  
Server address: mail.com.au  
User name: user123  
Password: ●●●●●●  
Port: 25

This server requires a secure connection (StartTLS)

FTP

Server address: \_\_\_\_\_  
Port: 21  
User name: \_\_\_\_\_  
Password: \_\_\_\_\_  
Remote folder name: \_\_\_\_\_

Passive mode

Network storage

Network storage location: \_\_\_\_\_  
(for example: \\my\_nas\disk\folder)  
Workgroup: \_\_\_\_\_  
User name: \_\_\_\_\_  
Password: \_\_\_\_\_  
Primary WINS server: \_\_\_\_\_

SD Card

[Test] [Save Settings] [Don't Save Settings]

### Helpful Hints..

**"Server name"** The unique name for server. There are four kinds of servers supported. They are email server, FTP server, HTTP server and network storage.

**Email server:**  
"Sender email address" The email address of the sender.  
"Recipient email address" The email address of the recipient.

**FTP server:**  
"Remote folder name" Granted folder on the external FTP server. The string must conform to that of the external FTP server. Some FTP servers cannot accept preceding slash symbol before the path without virtual path mapping. Refer to the instructions for the external FTP server for details. The folder privilege must be open for upload.  
"Passive Mode" Check it to enable passive mode in transmission.

**Network storage:** Only one network storage is supported.  
"Network storage location" The path to upload the media.  
"Workgroup" The workgroup for network storage.

**SD card:** Use the SD card for recording media.

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## MEDIA

You can set at most 5 different media here for different event.

Save Settings Don't Save Settings

### MEDIA TYPE

Media name: 1Snap

Snapshot

Source: Profile1

Send 1 pre-event image(s) [0~4]  
Send 1 post-event image(s) [0~7]  
File Name Prefix: snap

Add date and time suffix to file name

Video Clip

Source: Profile1

Pre-event recording: Second(s) [0~4]  
Maximum duration: Second(s) [1~100]  
Maximum file size: Kbytes [100~5000]  
File Name Prefix:

System log

Save Settings Don't Save Settings

### Helpful Hints..

**"Media name"** The unique name for media. There are three kinds of media. They are snapshot, video clip and system log.

**Snapshot:**  
**"Source"** The source of profile, profile1 or profile2.  
**"Send Pre-event images"** The number of pre-event images.  
**"Send Post-event images"** The number of post-event images.  
**"File name prefix"** The prefix name will be added on the file name of the snapshot images.  
**"Add date and time suffix to file name"** Check it to add timing information as file name suffix.

**Video clip:**  
**"Source"** The source of profile, profile1 or profile2.  
**"Pre-event recording"** The interval of pre-event recording in seconds There are two limitations for video clip file.  
**"Maximum duration"** The maximal recording file duration in seconds.  
**"Maximum file size"** The maximal file size would be generated.

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Browser window: http://192.168.0.20/setup.htm

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**EVENT**  
You can set at most 3 events like motion detection or digital input trigger here and arrange the detection schedule at the same time.  
Save Settings Don't Save Settings

**EVENT**  
Event name: Motion1  
 Enable this event  
Priority: normal  
Delay for 10 seconds before detecting next event [For motion detection and digital input]

**TRIGGER**  
 Video motion detection  
 Periodic  
Trigger every 1 minutes  
 Digital input  
 System boot  
 Network lost

**EVENT SCHEDULE**  
 Sun  Mon  Tue  Wed  Thu  Fri  Sat  
**Time**  
 Always  
 From 00 00 To 23 59

**ACTION**  
 Trigger D/O for 1 seconds  
 Mail server  
Attached media: 1Snap  
Save Settings Don't Save Settings

**Helpful Hints..**  
**Priority:** The event with higher priority will be executed first.  
**Delay second(s) before detecting next event:** The delay to check next event. It is used in motion detection and digital input trigger type.  
There are five kinds of trigger supported.  
There are five kinds of trigger supported.  
**Video motion detection:** Select the windows which need to be monitored.  
**Periodic:** The event is triggered in specified intervals. The unit of trigger interval is minute.  
**Digital input:** The event is triggered when the DI status changed by external device.  
**System boot:** The event is triggered when the system boot up.  
**Network lost:** The event is Triggered when the network service is not available or disconnection.  
**Sun ~ Sat:** Select the days of the week to perform the event.  
**Time:** show "Always" or input the time interval.  
The default action are triggering DO and storing media on SD card. If there are servers configured, the user can select them from "Server name", too.  
**Trigger DO:** Check it to trigger digital output for specific seconds when event is triggered.  
Note: Please Format SD

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## RECORDING

You can setup schedule recording to network storage with your specify week day and time period.

Save Settings Don't Save Settings

### RECORDING

Recording entry name: Rec1

Enable this recording

Priority: normal

Source: Profile 1

### RECORDING SCHEDULE

Sun  Mon  Tue  Wed  Thu  Fri  Sat

Time

Always

From 00:00 To 23:59

### RECORDING SETTINGS

Destination: None

Total cycling recording size: 1000 Mbytes [200~2000000]

Size of each file for recording: 10 Mbytes

Time of each file for recording: 10 seconds

File Name Prefix:

Save Settings Don't Save Settings

### Helpful Hints..

**Recording:** Enable this option if you want to upload the recording to a shared folder on the network.

**Recording schedule:** Select the day(s) according to when you want the IP camera to make a video clip.

**Always:** This enables the IP camera to make video clips continuously.

**From:** The time range specified for the video clip.

**Total cycling recording size:** Please input the network path of your network storage, it will like " \\DNS\IPCamRecord\ ". If the network storage need authentication, please enter your user name and password here.

Note: Please Format SD card before use. The entire data in the SD card will be erased after formatting.

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## SD CARD

Here you could browse and manage the record files which stored in SD card.

SD CARD

The SD Card Storage is unavailable or not formatted.

### Helpful Hints..

**Format SD Card:** Click this icon, system will automatically format SD card and create "picture" & "video" folders.

**View recorded picture:** If SD stored recorded picture files, enter picture link and choose which picture file you desire to view. You will view picture via image viewer SW. (ie. Windows Image Viewer)

**Playback recorded video:** If SD stored recorded video files, enter video link and choose which video file you desire to playback. Windows will guide you to open/download video file (.AVI format) so that you can playback file via video decoder SW. (ie. Windows Media Player)

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DI and DO

ICR and IR

HTTPS

Access List

Logout

## DI AND DO

The I/O connector provides the physical interface for digital output (DO) and digital input (DI) that is used for connecting a diversity of external alarm devices such as IR-Sensors and alarm relays.

The digital input is used for connecting external alarm devices and once triggered images will be taken and e-mailed.

Save Settings Don't Save Settings

## DI AND DO

Digital Input 1: The active state is N.O. ; the current state detected is **Normal Open**

Digital Output: The active state is N.O.

N.O.  
N.C.

## VIDEO OUTPUT

VIDEO OUTPUT  On  Off

Save Settings Don't Save Settings

### Helpful Hints..

The network ipcam str provides a general I/O terminal block with one digital input and one relay switch for device control. Pin DI+ and pin DI- can be connected to an external sensor and the state of voltage will be monitored from the initial state LOW. The relay switch of pin DO+ and pin DO- can be used to turn on or off the external device. Please refer to manual for detail connection diagram.

**TV Output:** This function has two options: ON and OFF. To enable this option, plug the cable connection into the TV output adapter. Connect the other end of the cable to your monitor. Image from your cameras will be captured by a sensor and transmitted to your monitor. ON: Enables this option. OFF: Disable this option.

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## ICR AND IR

An IR(Infrared) Cut-Removable(ICR) filter can be disengaged from the image path for increased sensitivity in low light environments. The ICR filter will automatically engage depending on the ambient light, allowing the camera to be effective in day/night environments.

- Select the Day/Night from the radio button. The available options are Automatic, Schedule mode, Day mode and Night mode.
- The default value is Automatic.

Light Sensor Sensitivity  
Light sensor sensitivity has Low, Medium, and High three different levels. You may get current camera light illumination by clicking Refresh button to set proper level of Light sensor sensitivity. For example, when level sets at High less than 30lux. camera will switch Day & Night mode to Night mode.

IR Light  
The built-in IR light illuminators will be activated automatically or manually so as to supplement the low light situation without additional equipment.

Save Settings Don't Save Settings

## ICR

Removable IR-Cut filter trigger condition:

Automatic Sensitivity Medium: <20lux over 30 lux Refresh

Day mode High: <30lux

Night mode Medium: <20lux

Schedule mode Low: <10lux

Day mode(24hr)  
From 07 00 To 18 00

## IR LIGHT

IR Light Control Medium:20m

Off

On

Sync. With ICR

Schedule

IR Light Control On(24hr)  
From 07 00 To 18 00

### Helpful Hints..

**ICR and IR:**

**Automatic:** The day/Night mode is set automatically. It is normally set in the Day mode and changes to the Night mode in a dark place.

**Day mode:** The Day mode means disable the IR Cut Filter.

**Night mode:** The Night mode means enable the IR Cut Filter.

**Schedule mode:** Set the Day/Night mode using the schedule. Fill in the time so the Day/Night mode is normally set to Day mode and it enters the Day mode at the start time and returns to the Night mode at the end time.

**IR Light Control:**  
In poor light conditions, open IR Light Control to automatically turn on the light to enable you to take clear picture. The IR Light Control has 4 options: Off, On, Sync. with ICR, and Schedule.  
Off: This option disable the IR Light Control.  
On: This option automatically opens the IR Light Control to enable a camera to take clear images in poor light conditions.  
Sync. with ICR: In this option, the IR Light Control will open automatically and follow the ICR setting.  
Schedule: In this option, you have to customize the setting to set the time period you want.

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DI and DO  
ICR and IR  
**HTTPS**  
Access List  
Logout

### HTTPS

To enable HTTPS, you have to create and install certificate first.

Save Settings Don't Save Settings

### HTTPS

Enable HTTPS secure connection

Create certificate method

Create self-signed certificate automatically  
 Create self-signed certificate manually  
 Create certificate request and install

Create certificate: [Create](#)

### CERTIFICATE INFORMATION

Status: No installed

CSR Property Certificate Property Remove

Save Settings Don't Save Settings

### Helpful Hints..

**Enable HTTPS secure connection:** allows you to enable HTTPS service

Note:  
1. The certificate can't be removed while the HTTPS is still enable. To remove the certificate you have to uncheck the "Enable HTTPS secure connection" first.

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DCS-6513 // LIVE VIDEO SETUP MAINTENANCE **STATUS** HELP

DI and DO  
ICR and IR  
HTTPS  
**Access List**  
Logout

### ACCESS LIST

Here you can set access permissions for users to view your IP camera.

### ALLOW LIST

Start IP address

End IP address  [Add](#)

Delete allow list

### DENY LIST

Start IP address

End IP address  [Add](#)

Delete deny list

### Helpful Hints..

**Allow List:**  
**"Start IP Address"** The starting IP Address of the devices (such as a computer) that have permission to access the video of the IP camera.  
**"End IP Address"** The ending IP Address of the devices (such as a computer) that have permission to access the video of the IP camera.  
**"Delete Allow List"** Remove the customized setting from the Allow List.

**Deny List:**  
**"Start IP Address"** The starting IP Address of the devices (such as a computer) that don't have permission to access the video of the IP camera.  
**"End IP Address"** The ending IP Address of the devices (such as a computer) that don't have permission to access the video of the IP camera.  
**"Delete Deny List"** Remove the customized setting from the Deny List.

http://192.168.0.20/maintenance.htm D-LINK CORPORATION IN...

DCS-6513 LIVE VIDEO SETUP ADVANCED MAINTENANCE STATUS HELP

Admin System Firmware Upgrade Logout

### ADMIN

Here you can change the administrator's password for your IP camera as well as add and/or delete user account(s). You can configure the information, such as IP camera's name and time via this page. You can also enable the OSD (On-Screen Display) feature in order to display the IP camera name and time stamp for your video recordings.

#### ADMIN PASSWORD SETTING

New Password  63 characters maximum  
 Retype Password

#### ADD USER ACCOUNT

User Name  20 users maximum  
 New Password  63 characters maximum  
 Retype Password

#### USER LIST

User Name -- User list --

#### DEVICE SETTING

IP camera Name  63 characters maximum  
 Enable OSD  
 Label  63 characters maximum  
 Show time

#### LED

LED  On  Off

#### Helpful Hints..

Enabling OSD, the IP camera name and time will be displayed on the video screen for the user.

For security purposes, it is recommended that you change the password for your administrator account. Be sure to write down the new password to avoid having to reset the IP camera in the event that it is forgotten.

LED: In the near panel of your camera there is a LED beside the network adapter. ON: The LED will flash a light to indicate if the network is working or not. OFF: No light will show, forth option is turn off.

http://192.168.0.20/maintenance.htm D-LINK CORPORATION IN...

DCS-6513 LIVE VIDEO SETUP ADVANCED MAINTENANCE STATUS HELP

Admin System Firmware Upgrade Logout

### SYSTEM

Here you may backup, restore, and reboot your IP camera.

#### SYSTEM

Save To Local Hard Drive

Load From Local Hard Drive

Restore To Factory Defaults

Reboot Device

#### Helpful Hints..

After the factory's default settings have been restored, use the installation wizard software provided with your IP camera to search and connect to the IP camera.

http://192.168.0.20/maintenance.htm

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Admin  
System  
Firmware Upgrade  
Logout

### FIRMWARE UPGRADE

A new firmware upgrade may be available for your IP camera. It is recommended to keep your IP camera firmware up-to-date to maintain and improve the functionality and performance of your internet IP camera. Click here [D-Link Support Page](#) to check for the latest firmware version available.

To upgrade the firmware on your IP camera, please download and save the latest firmware version from the D-Link Support Page to your local hard drive. Locate the file on your local hard drive by clicking the Browse button. Once you have found and opened the file using the browse button, click the "Upload" button to start the firmware upgrade.

### FIRMWARE INFORMATION

Current Firmware Version: 0.01.00  
Current Product Name: DCS-6513

### FIRMWARE UPGRADE

File Path:

**Helpful Hints..**  
Firmware upgrade are released periodically to improve the functionality of your IP camera and also to add new features. If you run into a problem with a specific feature of the IP camera, check our support site by clicking [here](#) to check for an upgrade and see if updated firmware is available for your IP camera.

http://192.168.0.20/status.htm

Product: DCS-6513 Firmware Version : 0.01

**D-Link**

DCS-6513 // LIVE VIDEO SETUP ADVANCED MAINTENANCE STATUS HELP

Device Info  
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### DEVICE INFO

All of your network connection details are displayed on this page. The firmware version is also displayed here.

### INFORMATION

IP camera Name	DCS-6513
Time & Date	Wed Dec 5 12:20:53 2012
Firmware Version	0.01.00
MAC Address	F0:7D:68:0F:E4:EF
IP Address	192.168.0.20
IP Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
Primary DNS	0.0.0.0
Secondary DNS	0.0.0.0
PPPoE	Disable
DDNS	Disable
TV Output Mode	PAL

**Helpful Hints..**  
This page displays all the information about the IP camera and network settings.

Product: DCS-6513 Firmware Version : 0.01

# D-Link

DCS-6513 // LIVE VIDEO SETUP ADVANCED MAINTENANCE STATUS HELP

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### SYSTEM LOG

The system log records IP camera events that have occurred.

### CURRENT LOG

- 2012-12-05 12:18:52 admin FROM 192.168.0.7 SET Size of each file for recording 10 Mbytes
- 2012-12-05 12:18:23 admin FROM 192.168.0.7 SET EVENT TYPE 1 ; Trigger : Motion Detection
- 2012-12-05 12:17:48 admin FROM 192.168.0.7 SET EVENT MEDIA 1 ; Name : 1Snap, Type : Snapshot
- 2012-12-05 12:17:11 admin FROM 192.168.0.7 SET EVENT SERVER 1 ; Name : Mail server, Type : Email
- 2012-12-05 12:14:34 Someone SET Focus Mode : Manual Mode
- 2012-12-05 12:13:35 Someone SET Iris Adjustment Mode : Auto Mode
- 2012-12-05 12:13:19 Someone SET Iris Postion : 23
- 2012-12-05 12:04:23 Someone SET Focus Mode : Auto Mode
- 2012-12-05 12:04:23 Someone SET Zoom Position : 100000
- 2012-12-05 12:03:24 SYSTEM SET HEATER OFF
- 2012-12-05 12:03:16 Someone SET Focus Mode : Auto Mode
- 2012-12-05 12:03:16 Someone SET Zoom Position : 385
- 2012-12-05 12:03:05 Someone SET Focus Mode : Auto Mode
- 2012-12-05 12:03:05 Someone SET Zoom Position : 1154
- 2012-12-05 12:02:01 Someone SET Focus Mode : Auto Mode
- 2012-12-05 12:02:01 Someone SET Zoom Position : 18077
- 2012-12-05 12:01:52 Someone SET Focus Mode : Auto Mode
- 2012-12-05 12:01:52 Someone SET Zoom Position : 22692
- 2012-12-05 12:01:45 Someone SET Focus Mode : Auto Mode
- 2012-12-05 12:01:45 Someone SET Zoom Position : 30385

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Clear Download

### Helpful Hints..

You can save the log to your local hard IP camera by clicking the Download button, and you can clear the log by clicking on the Clear button.