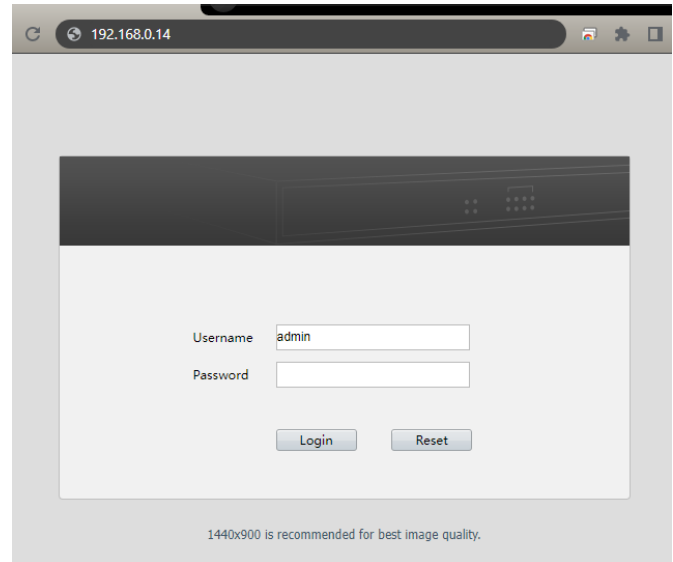


## ACCESS SETUP MENU

As the display output of the DC4K is for camera view the setup must be accessed with a browser. The default IP address is 192.168.0.14. If it's necessary to locate the DC4K using Guard Tool, the computer must be using the same IP scheme.

To access the setup, from a computer open the browser. In the browser address bar type the IP address that is in the DC4K.

The login for user name and password is admin and admin. If the password has been changed and no longer known then the DC4K will need to be reset.



## SYSTEM RESET

If you are unable to locate the DC4K you might need to default it to bring it back to a known IP address. On the side of the unit is a button labeled as RST.

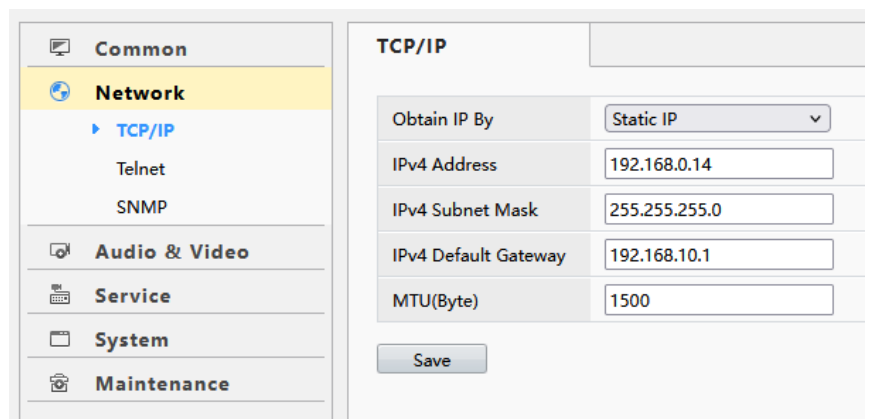
Push and hold it for 10 seconds. After releasing it might take a couple of minutes for the DC4K to be accessible again. As well all user setting will be set back to their original default.



## NETWORK SETTINGS

Ensure that the DC4K is connected to the network. Only use one of the Ethernet ports.

To change the network settings go to TCP/IP under Network.



## DISPLAY SETTINGS

Go to Video under Audio & Video.

Split Screen is used to select the desired screen layout.

Display Mode is used to select the desired output resolution.

Note   VGA is limited to  
         1920x1080  
         HDMI is limited to  
         3840x2160

Common	Video
Network	
Audio & Video	Output Channel: Output Channel1
Audio	Split Screen: 16
Video	Display Mode: 1920X1080(1080P)@60Hz
Media Stream	Note: 3840x2160(4K)@30Hz/60Hz is available only for HDMI output.
Service	Save
System	
Maintenance	

Media Stream is used to enter the video source information.

Common	Media Stream
Network	Output Channel: Output Channel1
Audio & Video	Screen Layout: 1 2 3 4
Audio	Stream Address (Window 1) <input checked="" type="checkbox"/>
Video	Stream Address (Window 2) <input checked="" type="checkbox"/>
Media Stream	Stream Address (Window 3) <input checked="" type="checkbox"/>
Service	Stream Address (Window 4) <input checked="" type="checkbox"/>
System	Stream Address Format(UDP) udp://@:60000
Maintenance	Stream Address Format(TCP) tcp://206.8.0.10:60000 [server=0] [vod=0] [nat=0] [sessionid=...]
	Stream Address Format(RTSP) rtsp://206.8.0.10[:554]/media/video1 [username=admin] [password=admin]
	[streamprotocol=1] [broadcastmethod=0]
	Save

While UDP and TCP information may be entered, RTSP is the most common. Although up to 16 cameras can be displayed they would be limited to 1920x1080 resolutions. Since the DC4K does not transcode the video this would need to be configured at the source which is the camera. RTSP settings can be obtained from the camera manufacturer.

If it's desired to have a dividing line between video streams this can be enabled in the Image menu under Service.

The screenshot shows a web interface with a sidebar on the left and a main configuration area on the right. The sidebar has a menu with the following items: Common, Network, Audio & Video, Service (highlighted), System, and Maintenance. Under 'Service', there is a sub-menu with 'Image' (highlighted) and 'Transparent Channel'. The main area is titled 'Image' and contains several settings: Display Ratio (Stretch), Crop Upper Edge(pix) (0), Crop Lower Edge(pix) (0), Crop Left Edge(pix) (0), Crop Right Edge(pix) (0), Divider Line Width(pix) (2), Divider Line Color (Yellow), Image Retention Time(s) (0), and 3D Noise Reduction (checkbox). The 'Divider Line Width(pix)' and 'Divider Line Color' settings are enclosed in a red rectangular box. A 'Save' button is at the bottom.

Image	
Display Ratio	Stretch
Crop Upper Edge(pix)	0
Crop Lower Edge(pix)	0
Crop Left Edge(pix)	0
Crop Right Edge(pix)	0
Divider Line Width(pix)	2
Divider Line Color	Yellow
Image Retention Time(s)	0
3D Noise Reduction	<input type="checkbox"/>

Save

## PASSWORD

Password change for the DC4K can be done on the User screen under System.

The screenshot shows a web interface with a sidebar on the left and a main configuration area on the right. The sidebar has a menu with the following items: Common, Network, Audio & Video, Service, System (highlighted), and Maintenance. Under 'System', there is a sub-menu with 'User' (highlighted), 'Time', 'Language', 'Platform', and 'Serial Port'. The main area is titled 'User' and contains four input fields: Username (admin), Old Password, New Password, and Confirm Password. A 'Save' button is at the bottom.

User	
Username	admin
Old Password	
New Password	
Confirm Password	

Save


## MAINTENANCE


Within maintenance the DC4K can be restarted (Restart), setup can be exported (Export), setup can be loaded (Import Configuration) and setup can be defaulted (Restore). Export Logs is used when diagnostic information is requested by our support group.


Upgrade is used to upgrade the system firmware. Normally after upgrading the DC4K needs to be defaulted using the reset button.


<div><div>Common</div><div>Network</div><div>Audio &amp; Video</div><div>Service</div><div>System</div><div><b>Maintenance</b></div><div><div>Maintenance</div><div>Device Status</div><div>Decoding Status</div></div></div>	<div><div>Maintenance</div><div><div>Restart</div><div>Restart Device</div></div><div><div>Restore</div><div>All settings will be restored to factory default except network and user settings.</div></div><div><div>Export</div><div>Export Configuration File</div></div><div><div>Export Logs</div><div>Export Logs</div></div><div><div>Import Configurations</div><div><input type="text"/></div><div>Browse</div><div>Import</div></div><div><div>Upgrade</div><div><input type="text"/></div><div>Browse</div><div>Upgrade</div></div><div>Note: Do not disconnect power or perform any other operation during upgrade.</div></div>
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Device Status shows much of the current status of the DC4K


 **Common**

 **Network**

 **Audio & Video**

 **Service**

 **System**

 **Maintenance**

Maintenance

▶ **Device Status**

Decoding Status

**Device Status**

**Basic**

Device Model	DC4K
Software Version	R3708P64
Hardware Version	A
Bootloader Version	1.27

**Network**

IP Address	192.168.10.140
Subnet Mask	255.255.255.0
Default Gateway	192.168.10.1
NIC1	Connected/1000M
NIC2	Disconnected

**Status**

Management Mode	Standalone
System Time	2022-04-12 02:30:41
Running time	70 Day(s) 0 Hour(s) 3 Minute(s)
Device Temperature	43°C
CPU Usage	1%
Memory Usage	71%

Decoder Status is a diagnostic display. It will indicate most issues that might be encountered if the DC4K is unable or having an issue displaying video streams.

Common

Network

Audio & Video

Service

System

Maintenance

Maintenance

Device Status

▶ Decoding Status

Decoding Status

Output Channel

Output Channel1

Split Screen

4

Display Mode

1920X1080(1080P)@60Hz

Remaining Decoding Capacity

3840X2160(4K)@30Hz

Wi	Video	Stream Address	Decoding Status	Lost	Total Packets	Packet
1	H265	rtsp://admin:123456@192.168.10.220/media/video1	2560X1440@25Hz	0	26639982	0
2	H265	rtsp://admin:123456atv!@192.168.10.215/media/vid...	2880X1624@25Hz	0	19551053	0
3	H265	rtsp://admin:123456@192.168.10.212/media/video1	2880X1624@25Hz	0	19764419	0
4	H265	rtsp://admin:123456@192.168.10.211/media/video1	4096X1800@25Hz	0	50369372	0