

# QUICK START GUIDE

5700 Series & VAX Series

PC Linux Embedded DVR

Unpack the DVR then connect the cameras, mouse, network cable (if used) and monitor. Connect the power cord.

# The DVR will normally power up when the power cord is connected, if not, power the unit on with the switch above the power cord – it will take approximately 1½ to 2 minutes for the DVR to complete the full boot cycle.

When fully booted, you will obtain the live view screen seen below and the DVR will be recording. Most functions are disabled until you login.



If you move the mouse cursor over the Digital ID View logo ., a window will appear showing the product information which includes DVR firmware version, release date, CPU, and clock speed.

When the cursor is positioned over the HD symbol even in the upper right corner, it will provide the hard drive size and usage (the DVR will overwrite the oldest data – circular recording).

And, with the cursor over the computer network symbol est, it will show the current IP address (DCHP - obtain an IP address automatically - is on by default and if the network cable is plugged in and connected to a switch or router, the DVR will acquire an address). This address can then be used to access the DVR remotely (see the section on remote access).

By clicking on the key button in upper right corner, the login screen will appear as seen below. Login using the factory defaults:

User Name: ADMIN Password: 0000

Plea	se enter username and	password:		q	w			1	1	y	u	1	0		P	1	2	2
User Name	ADMIN	Edit	Caps Lock			1	d	1	9				٤.	1		4	5	1
	ageneration				18	z	ж	c	v	2	1	1	-1			7	8	1.3
Password	****	Edit					Ļ		Spa	00			T				8	
				Đ	acks;	pace							Cie	r.				
OK Cancel							1	0	181		_							

- 1. Using the mouse click on the Edit button and a virtual keyboard will appear use the mouse to type in the User Name (the user login is case sensitive for the default User Name make sure the caps key is on) and click OK.
- 2. Follow the same procedure for the Password.
- 3. Click OK on the login window.

If the unit was just powered up the menu will appear, otherwise, click on the menu button to access the menu from the live screen view.

Below is a view of the menu. It has multiple tabs – one for the setup of each function.

Camera       PTZ       Split       Schedule       User       D/DO       Alarm Notice       System       Network         Select Cameras:       1       /       ////////////////////////////////////	User: 123	_		Apply Exit
Select Cameras:       I       I         Camera Name       ID01       Edit         Camera Status       Enable       Image: Select Camera Status       Enable         Format       NTSC       Image: Camera Status       Image: Camera Status       Motion Sensor Setup         Guality       High       Image: Camera Status       Image: Camera Status       Image: Camera Status       Image: Camera Status         Guality       High       Image: Camera Status       Image: Camera Status	Camera PTZ Split Sc	hedule User DI/DO Alarm Notice System	Network	
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			Alarm Duration Sound	10 🔶 (Sec)

For detailed configuration setup please refer to the user manual.

# **Network setup**

If the DCHP is turned on (default) the DVR will acquire an IP address automatically. If not, then go to the Network tab in the menu:

User: ADMIN Camera PTZ Split Schedule User DI/DO	Alarm Notice System Network	Apply Exit
Network Status Use the following IP address IP $59 \rightarrow 125 \rightarrow 174 \rightarrow 131 \rightarrow 2$	DDNS Status Disable Provider DynDNS.org Service Dynamic DNS Host Name	Remote Control       Network Port     9864       Remote Monitor     MPEG-4       Remote Connect     Disable       Remote Setup     Enable
NetMask $\begin{array}{c c} 255 & 255 & 255 \\ \hline \\ GateWay \\ \hline \\ 59 & 255 & 174 \\ \hline \\ DNS \\ \hline \\ 168 & 95 & 1 \\ \hline \\ 1 & 233 \\ $	Edit Domain Edit Edit Edit	Backup Server
	Login Account User Name Edit Password	ID ♥ ID ♥ ID ♥ ID ♥ IP Test Start Time Hour Min 14 → 1 → Connect to server failed. DVR can not backup.

You can set the Network Status to 'Obtain an IP address automatically' or as in the above example, enter the IP, NetMask, GateWay and, if used, the DNS. The areas on this page have default settings – see the manual for more detailed information.

# Playback of recorded video data.

On the main live view screen:

Make sure you have logged in - move the mouse cursor to the playback button and left click on the icon. The Playback mode window will appear.



Click on the Refresh 🕥 button, this will refresh the Date / Time window with all available recorded data information.

Click on any Date/Time record or multiple records in the Recorded Video window and click the Play button - the video will start to playback. At this time, all buttons - Stop, Pause, Direction, Step, and Speed are active and can be used to control the playback.

To view another video record, press the Stop 🖸 button, unselect the current video record and repeat the steps above to replay any other record.

To save a video, select the video record(s) as in the above steps, click on the Save button, a window will pop up and you can choose either a USB drive, CD writer, or a CD-RW rewritable.

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Click on the device you want to write the video file to and click on the enter  $\longrightarrow$  button. When the files have been transferred, click again on the enter  $\longrightarrow$  button to return back to the playback program.

To return to the live view screen, click the Exit Subtron to stop and quit the playback mode.

#### Logout, Reboot, or Shutdown

To lock the system controls, reboot the DVR, or power down the DVR you must first stop recording. To stop recording, press the record button (the button will change from a square to a round button), then press the power button which will activate the screen shown below:



Logout: Clicking on the logout button will close the current user account and deactivate most functions - a new login will be required to reactivate the controls.

Reboot: Clicking on the reboot button will exit the current operation and re-start the DVR.

Shutdown: Clicking on the shutdown button will turn the DVR off – the DVR can be turned on by pressing the power switch above the power cord at the back of the DVR.

# Remote viewing the DVR from LAN/WAN

The 5700 series allows users to monitor and control the DVR via the network. Entering the IP address of the DVR in address bar of the Internet Explorer browser, a connection between a PC and the DVR will occur. If you are having difficulty connecting to the DVR, see the section on ActiveX.



In this example, the IP address of the 5700 series is 59.125.74.131. The functions on the menu bar are briefly explained in the text boxes. These messages will also pop up by moving the mouse cursor over them.

After the connection between 5700 series and the PC client is set up, a connection window will pop up as shown in the next picture.

Connect	×
DVR IP	Port
59.125.174.131	Default 💌
	HTTP Port
(Mapping to DVR port:80) (for example: 8080)	80 💌
Login	
Username	
Password	
Login	

Usually, accepting the default settings and entering the Username and Password, the DVR and PC will be connected. A detailed explanation of the features on the remote connection window, are in the user manual.

# **ActiveX Setup**



If you receive an error message similar to the one below:

Then follow the steps listed, there may be some variations due to different Internet Explorer versions or setups but the instructions are similar in most versions of IE.

**Step 1:** To download and install ActiveX component, open an Internet Explorer window, go to the Tools menu then Internet Options.



**Step 2:** Go to the security tab and click on the custom level button in the Internet Options window. Click on the Custom Level button near the bottom of the window.

Internet Options						
General Security Privacy Content Connections Programs Advanced						
Select a Web content zone to specify its security settings.						
Internet Local intranet Trusted sites Restricted sites						
Internet This zone contains all Web sites you Sites Sites						
Security level for this zone						
<b>Custom</b> Custom settings. - To change the settings, click Custom Level. - To use the recommended settings, click Default Level.						
Custom Level Default Level						
OK Cancel Apply						

**Step 3:** If possible, change the custom setting to Low. If not, change the 'Download unsigned ActiveX controls' to 'Enable' or 'Prompt' as shown below.

Security Settings - Internet Zone	Security Settings - Internet Zone
Settings	Settings
.NET Framework-reliant components         Run components not signed with Authenticode         Disable         © Enable         Prompt         Run components signed with Authenticode         Disable         Prompt         Run components signed with Authenticode         Disable         © Enable         Prompt         ActiveX controls and plug-ins         Allow previously unused ActiveX controls to run without pror         © Disable         Enable         Allow Scriptiets         © Disable         * Takes effect after you restart Internet Explorer         Reset custom settings         Reset to:         Medium-high (default)         OK	Allow Scriptlets     Otsable     Enable     Prompt     Automatic prompting for ActiveX controls     Disable     Enable     Binary and script behaviors     Administrator approved     Disable     Enable     Display video and animation on a webpage that does not use     Disable     Enable     Display video and animation on a webpage that does not use     Disable     Enable     Display video and animation on a webpage that does not use     Disable     Enable     Display video and animation on a webpage that does not use     Disable     Enable     Display video and animation on a webpage that does not use     Triestle     Triestle     Medium-high (default)     Keset      OK     Cancel



Also, it would be best to add the IP of your DVR as a trusted site in the security tab.

**Step 4:** If you login to http://xxx.xxx.xxx (DVR IP) you may see a security warning on an unsigned ActiveX control. Click on 'Install'.



5. If you see the Windows message about blocking the program, click on 'Unblock'.



6. You should now be able to log into the DVR with your Username and Password. If you are connecting to a router, you could also be required to port forward the video ports (9000 – 9999). For more information on port forwarding go to <u>www.portforward.com</u>. Upon a successful login the following Screen will be displayed:



# **Fast Forward and Rewind**



Click on the Direction button, this button allows you to fast forward (left direction) and rewind (right direction). Click on Speed button to increase the speed of fast forward/rewind to  $X^{1/4}$ ,  $X^{1/2}$ , X2, X4 (x 4 means 4 times faster than the current speed).

# **Format Hard Drive**

- 1. When a new hard drive is installed, the system will automatically format the hard drive after rebooting the system.
- 2. Whenever the system boot up, a window will pop up and asking you if you would like to reformat the hard drive. Click "Yes", if you want to reformat the hard drive.