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Honeywell ADPRO eFT Series Remotely Programmable NVR+ Network Video Recorders User Guide

ADPRO
eFT Series
Quick Setup Guide
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Software version XO 5.1

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Document Conventions

The following typographic conventions are used in this document:

Convention	Description
Bold	Used to denote: emphasis. Used for names of menus, menu options, toolbar buttons…
Italic	Used to denote references to other parts of this document or other documents. Used for the result of an action.

The following icons are used in this document:

Icon	Description
	Note. This icon indicates information of special interest that will help the reader make full use of the product, optimise performance, etc. Failure to read the note will not result in physical harm to the reader, or damage to equipment or data.
	Caution! This icon indicates danger to equipment. The danger can be loss of data, physical damage to the equipment, or permanent corruption of configuration details.
	Warning! This icon indicates danger of physical harm to the reader. Not following instructions may lead to death or permanent injury.
	Warning! This icon indicates danger of electric shock. This may lead to death or permanent injury.

Contact Us

www.security.honeywell.com

Environmental Information

The crossed-out wheeled bin means that within the European Union the product must be taken to separate collection at the product end of life. This applies to the device but also to any accessories marked with this symbol. Do not dispose of these products as unsorted municipal waste.

If you need more information on the collection, reuse, and recycling systems please contact your local waste administration. You can also contact us for more information on the environmental specifications of our products.

Contents

Packing List

After unpacking, check for any signs of damage. Report any damage to your supplier immediately. Also check

whether all items are present:

- ADPRO® eFT Series
- Power cord
- CD with client software and manuals
- Quick Setup Guide
- 19″ mounting brackets (for eFT-T4 variant).
- Set of 4 rubber feet to use the device as a desktop unit.
- 4 SATA cables for eFT-T4 or 2 SATA cables for eFT-T2.
- Network patch cable
- Screws set
- USB mouse

  The products are provided with a plug according to the National Heavy Current Regulations of the country of shipment. Installation shall be done according to National Regulations.

> **Note**
> Wherever eFT Series device or XO device is mentioned in this document, it refers to all models of the eFT Series unless specifically mentioned otherwise.

Power Requirements

The XO device is designed for 100–240 V~, 50/60 Hz operation. XO devices comply with EMF emission and immunity standards. The eFT-T2 variant has a 12 V DC input external adapter.

> **Caution!**
> **Do not connect XO devices to electrical outlets or circuits shared with other devices that draw significant startup currents, or cause significant electrical interference, such as air conditioners or photocopiers.**

Safety Instructions

The plug is used as power inlet for the XO device. The outlet socket must be installed near the XO device and must be easily accessible. This equipment is not suitable for use in locations where children are likely to be present.

Technical Documents

Download the eFT Series Hardware Installation Manual (35450) and XO Client Software User Manual (21796) from our website **www.xtralissecurity.com**. You can also download technical data sheets on specific devices that connect to the XO device.

You can find the latest versions of this document and any referenced document on the Security Solutions Support site **www.xtralissecurity.com** (logon may be required). If a document number is indicated (between parentheses), you can enter it in the Keywords box on the site, and search for the document.

Installing the XO Client Software on Your PC

System Requirements for the Client PC

Hardware

The following are the recommended hardware requirements to run the XO client on a PC:

- Intel Core i5 processor with 8GB RAM
- Graphics card with DirectX 12 support and the capability for using YUV surfaces and hardware stretching. Intel® HD Graphics 630 is recommended.

The rendering switches to the GDI mode when the graphics card does not have this support. Rendering in GDI mode is not recommended because of high CPU utilization.

The embedded client application is now by default a 64-bit application, and the customers who require a 32-bit version can download it from the support site.

Caution!
HD cameras can be used more optimally in a PC with better system specifications. Please take into account that double resolution, on average, results in 4 times more performance. Honeywell advises testing the settings to make sure that your PC can handle your configuration.

Software

The following are the recommended software requirements to run the XO client on a PC:

- Windows 10 (64-bit)
- DirectX 12 drivers
- Internet Explorer 11

Note
Firmware with hardware version 2.0.0.0 and software version 1.0.0.1 is needed to decode firmware in the older devices still running the HIPI card hardware.

It is strongly recommended to download the latest drivers for your video card from the site of the manufacturer of your card. Doing this will resolve a number of issues that you would probably encounter.

- NVIDIA: **www.nvidia.com**
- ATI/AMD: **http://ati.amd.com**

   The client can be forced to use GDI mode. Just put **gdi=1** in the [General] section of the **hydra.ini** file located in your data directory. The default location is:

   c:\users\<username>\AppData\Roaming\Hydra\hydra.ini.

Installing the XO Client Software

This document describes how to install the XO client via the XO device's web page. For this, you need to add the device's web page to the trusted sites in Internet Explorer. Furthermore, your PC must have an IP address in the same network range as the XO device.

You can also install the XO client using the stand-alone client installer. This requires an internet connection for downloading. For instructions, see the XO Client Software User Manual (21796).

Note
The webserver is disabled by default starting with ADPROXO 5.0. It can only be reenabled by a technician on a system in which an admin user has enabled the technical grant. To install the client software using the XO device's web page, the webserver must be enabled by the technician which is a security

risk. You can get the client software from the release DVD or from the support site (**www.xtralissecurity.com**).

> ⃝
> ⫴ **Note**
> The preferred browser for installing the XO client software is Internet Explorer. If you cannot use Internet Explorer, try any other internet browser. In this case, you have to install the MeadCo Neptune plugin. You can download the plugin from **www.meadco.com/Neptune/Download**.

When installing the XO client software via the XO device's web page, you need to add the XO device's IP address to your Trusted sites in Internet Explorer. The XO device's default IP address is 10.0.0.10 with subnet mask 255.255.255.0. Proceed as follows:

1. In Internet Explorer, choose **Tools > Internet options.**
2. Click the **Security** tab.
3. In the S**elect a zone**… box, click Trusted sites, and then click Sites.
4. In   the **Add this website**… box, type http://followed by the XO device's IP address. For example: http://10.0.0.10
5. Click Add, and then click Close.
6. Click OK to close the Internet Options window.

   If installation is still not possible, you may try clearing the Enable Protected Mode checkbox in the Security tab.

> ⃝
> ⫴ **Caution!**
> **Check with the IT department if you are allowed to switch off protected mode, because it may lead to IT issues.**

Changing the PC's IP Address

The XO device's default IP address is 10.0.0.10 with subnet mask 255.255.255.0. If you install the client software via the device's web page, or if you want to configure a device using the XO client, you need to put your PC in the same IP range (for example, IP address 10.0.0.2 with subnet mask 255.255.255.0).

To change the PC's IP address in Windows 10, proceed as follows:

1. Click **Start,** and then click **Control Panel (View by: Category).**
2. Click **Network and Internet.**
3. Click **Network and Sharing Center.**
4. Click **Connections.**
5. Click **Properties.**
6. Click **Internet Protocol Version 4 (TCP/IPv4).**
7. For ease of initial setup, change the PC's TCP/IP settings to the following:

IP address	10.0.0.2
Subnet mask	255.255.255.0

8. Click **OK** to return to the **Local Area Connection** window.
9. Click **OK** to close the window.

Note

You can check the XO device information by running the following commands when you are connected to the device with a monitor and keyboard.

ALT + F1	To display the IP details
ALT + F7	To display the cameras in matrix layout

Installation

Note

Webserver is disabled by default starting with ADPRO XO 5.0. It can only be reenabled by a technician on a system in which an admin user has enabled the technical grant. To install the client software using the XO device's web page, the webserver must be enabled by the technician which is a security risk. You can get the client software from the release DVD or from the support site (**www.xtralissecurity.com**).

To install the XO client software via the XO device's web page, proceed as follows:

1. Connect your PC to the XO device's eth0 port with an RJ45 network cross cable or via the network switch/router on the eth0 port.
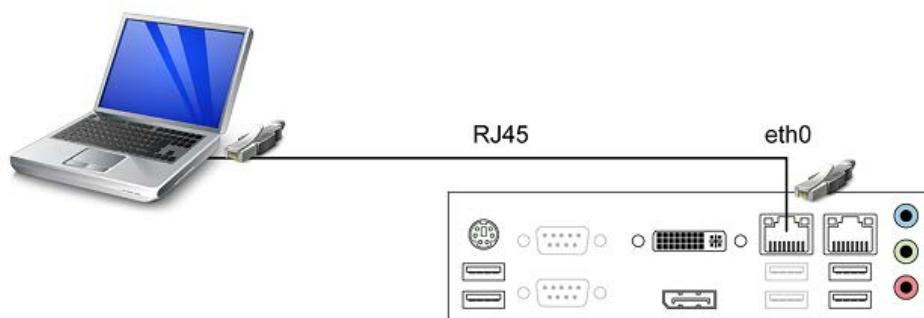
FastTrace 2 Series / iFT Series / eFT Series

2. Open Internet Explorer and enter the XO device's IP address, followed by /setup.php For example:**http://10.0.0.10/setup.php**
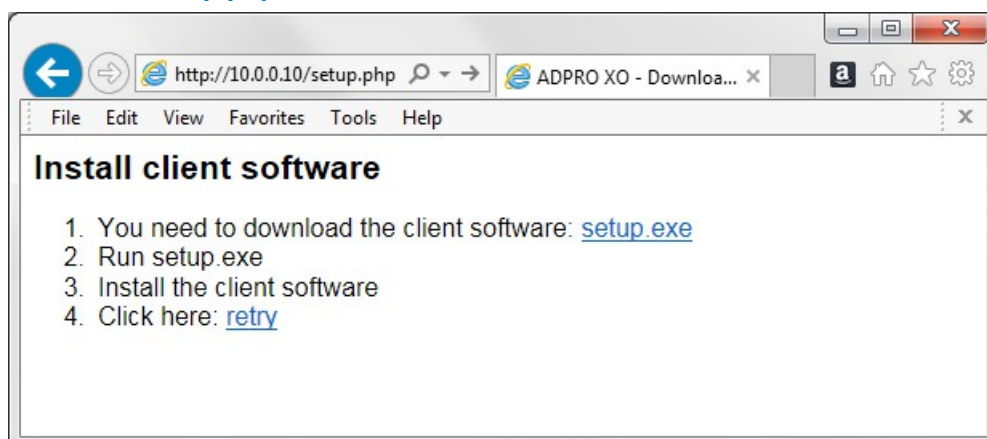
3. Click setup.exe.

4. Click Run to start the installation.

Note

Your virus scanner may block this download. Disable your virus scanner temporarily if this occurs. Remember to switch it back on after installation.

5. The following warning message may appear:

   Do you want to allow the following program from an unknown publisher to make changes to this computer?

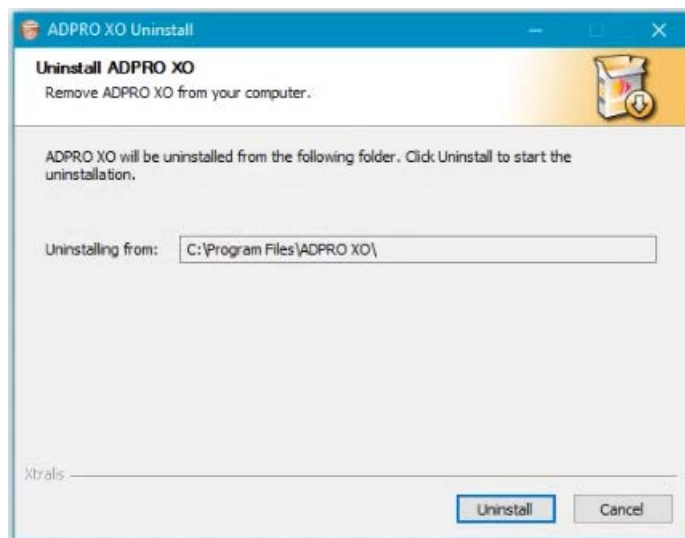   In this case, click Yes to start the installation.

6. Click Yes in the following message. This message is displayed as changing the default password for XO device from first login is made mandatory since XO 04.05.005.
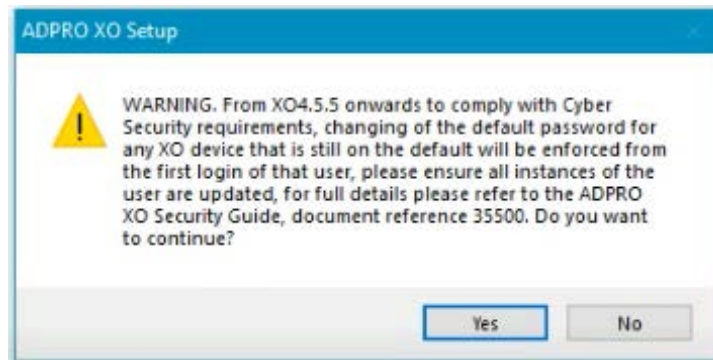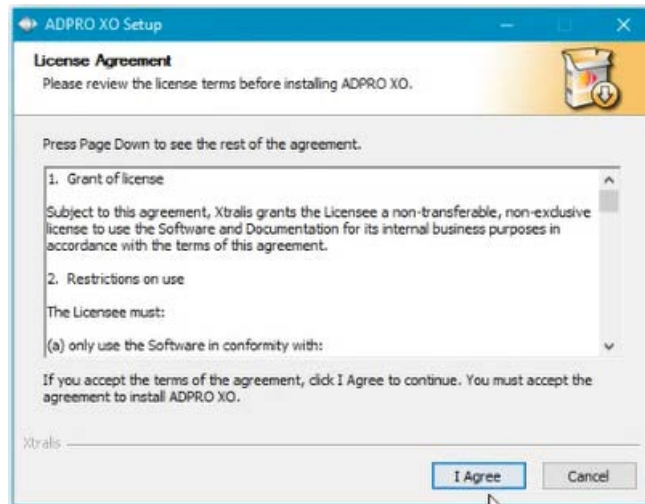

7. Click OK to uninstall the previous XO client.
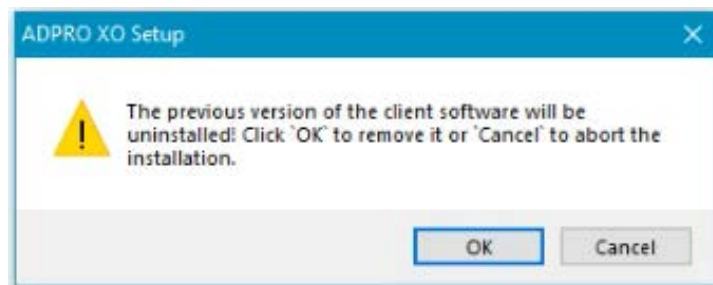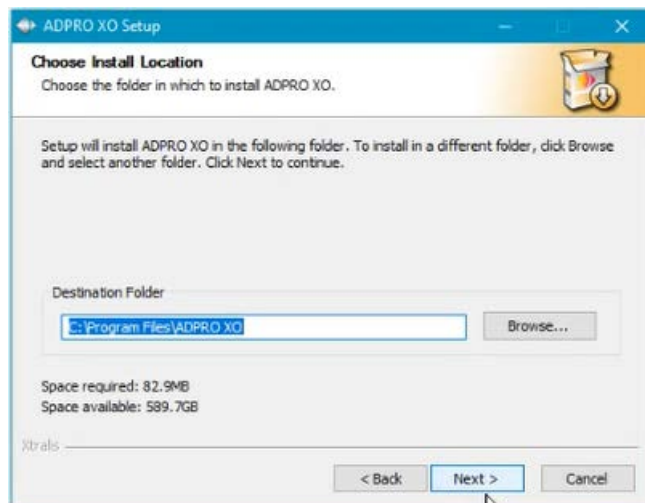

8. Click Uninstall to confirm. When finished, the following screen appears:

9. Click **Finish**. The new version will now install.

10. Click **I Agree** to agree with the terms of the license agreement.

11. Accept or modify the installation folder. Click **Next.**

12. Accept or modify the default work folder (= the folder for storing snapshots and downloaded recordings). Also select your preferred language. Click Install, and wait for the following screen to appear:
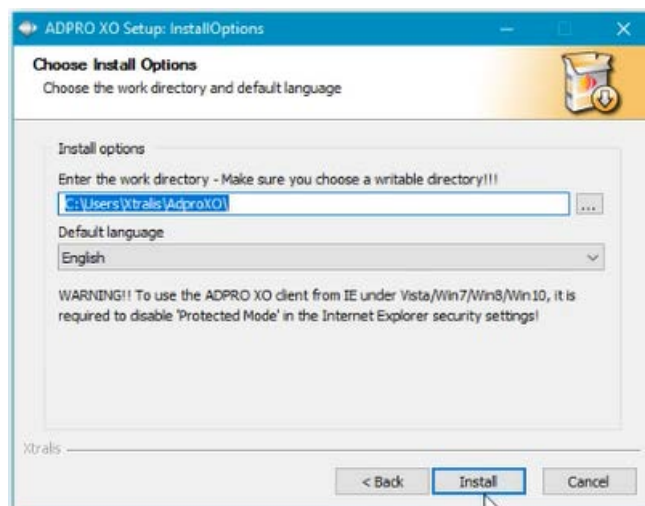
13. When the installation is completed, click Close to exit the installation Wizard. The new client version is now installed.
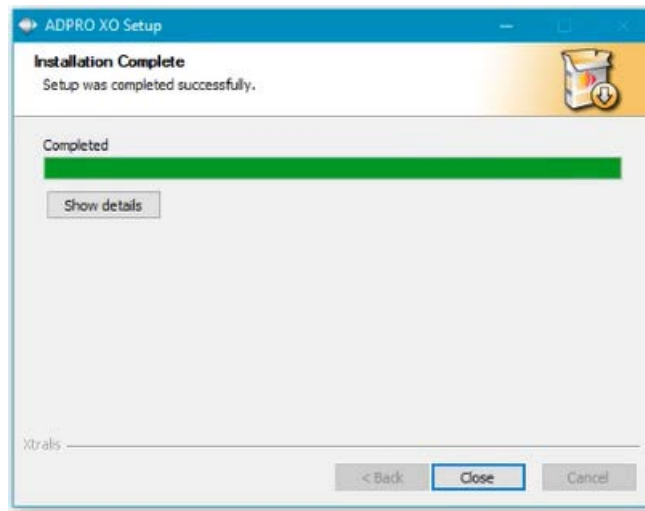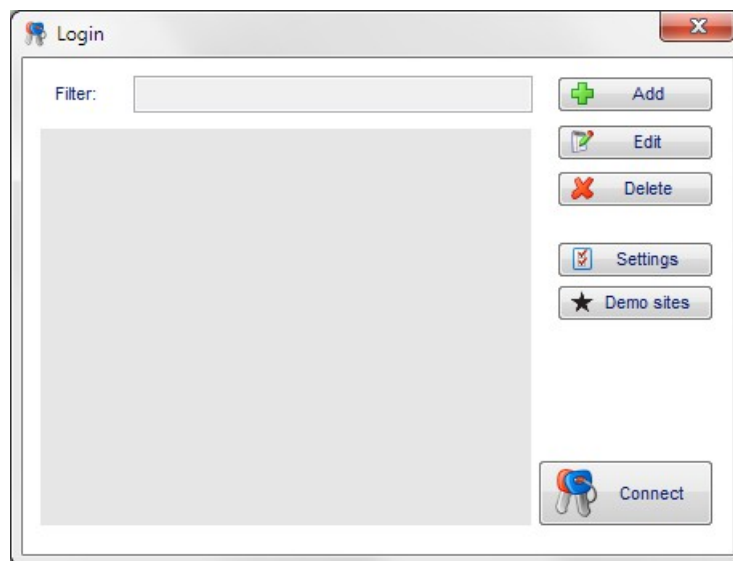
Launching the XO Client
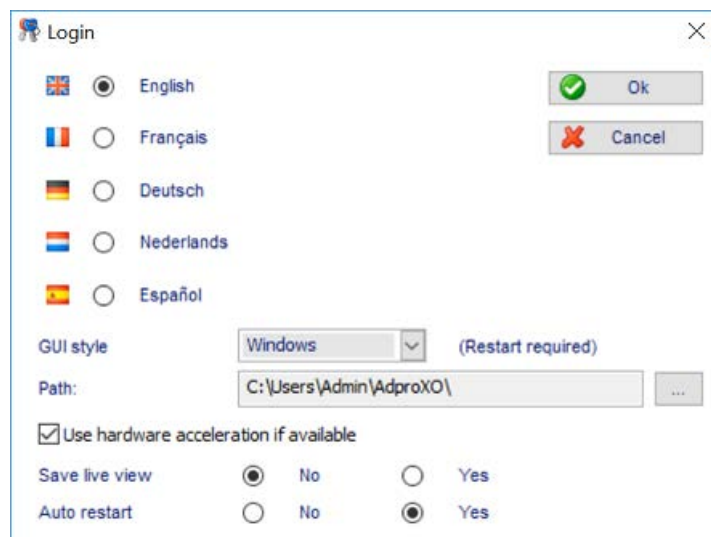
To launch the XO client, proceed as follows:

1. On the desktop, double-click the XO client icon

   If the icon is not available, you can press **Start** and choose **All Programs > ADPRO XO > AdproXO**. The following window appears:

   The **Login** window displays all your XO devices so that you can quickly connect to them.

2. To set up how the client launches, click **Settings**.

3. Provide the following information:

| Item	Description
English, Francais	Select the desired language for the application.
GUI style	Select a style to change the appearance of the application. The changes will only take eff ect after you restart the client software.
Path	If required, change the default work folder (= the folder for storing snapshots and downloa ded recordings).
Use hardware acceleration if ava ilable	Select this option if you want to use hardware decoding on your client PC. Hardware deco ding may enhance the rendering performance.
Save live view	Set this option to **Yes** if you want to show the last used camera matrix in the live view. If y ou set it to **No,** the live view window is empty when you start the client, and you have to s elect the cameras for the live view matrix each time you start the client.
Auto restart	Set this option to **Yes** if you want the login window to reappear when you close the client software. This allows you to quickly connect to another XO device.

4. Click OK to save the settings.
5. If you have changed the GUI style, close the Login window, and then restart the client application for the changes to take effect.
You can now add an XO device and connect to it.

Adding an XO Device to the XO Client
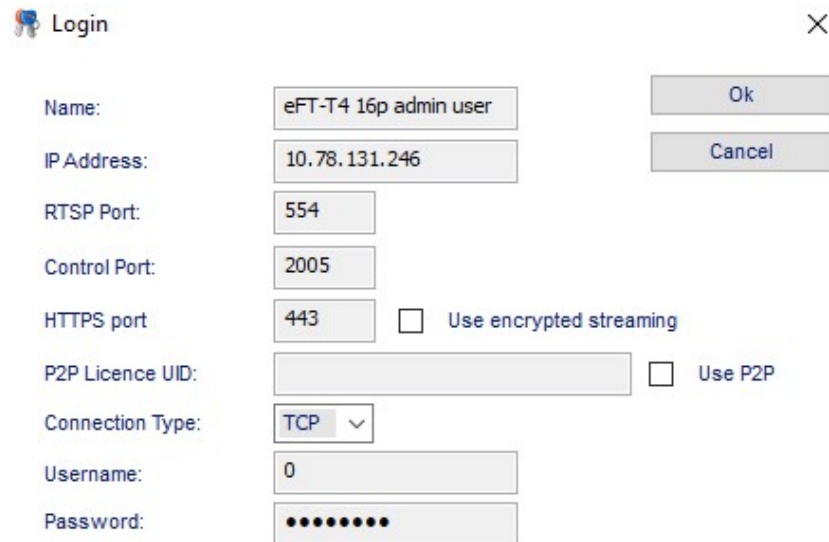
To add an XO device to the client, proceed as follows:

1. **Launch the XO client.**
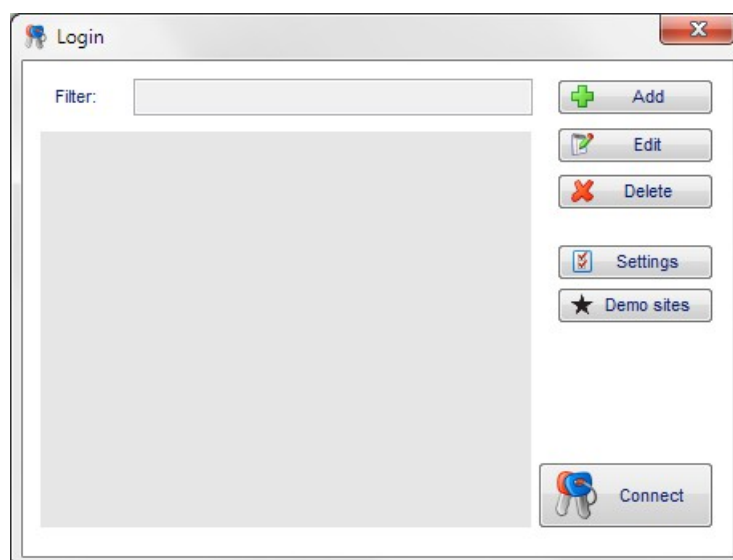
      Note
If you have installed the XO client for the first time on this PC, you can add a few demo devices to familiarise yourself with the XO client before adding your own device(s). Access to the demo devices is limited; not all features are available. Once you have added your own device(s) to the client, you can no longer add the demo devices.

2. If you want to add the demo devices, click **Demo sites.** Continue with the next step to add your own devices.
3. Click **Add**. The following window appears:

4. Provide the following information:

Item	Description
Name	Type a meaningful name for the XO device.
IP Address	Type the IP address or DNS hostname of the XO device (default IP address is 10.0.0.10).
RTSP Port Contr ol Port	Type the RTSP port number (default is 554) and the control port number (default is 2000).
HTTPS Port	The HTTPS port number (default is 443) Select the **Use encrypted streaming** checkbox for secure video streaming. **Note:** Restart the XO device after the secure streaming is enabled. Encryption is ap plied only on the input video stream and not on the input audio stream. The Honeywell Miracle cameras will not support audio-out functionality when encrypted str eaming is used.
P2P License UID	Enter the UID for P2P connection same as that of the XO server and select **Use P2P.** Enable P2P on the XO server from **System > Connections > Ethernet** / **PPP > P2P confi gure** for this field to display on the client login page. For more details, see Network (Ether net).
Connection Type	Select the TCP or UDP protocol. UDP is recommended, but TCP may be required if the co nnection goes through a router that blocks the UDP packets.
Username Passw ord	Enter the user ID/username and password of an existing user to log on to the XO device. T he default user ID is 0. The XO device has 666777 as the initial password which is change d at the first login. **Note** • Entering a **password** is optional. If you leave the **Password** box blank, you have to fill in the password manually each time you connect to the device.

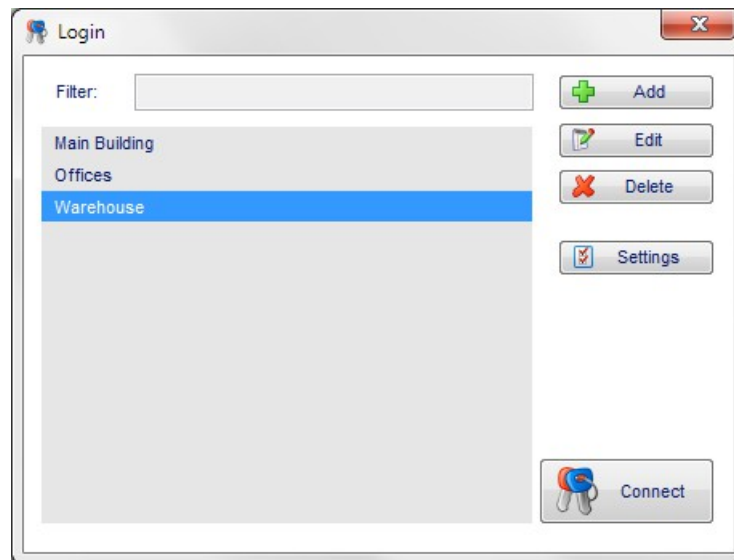5. Click OK. The new XO device appears in the list.
6. Repeat for any other XO devices that you want to add.
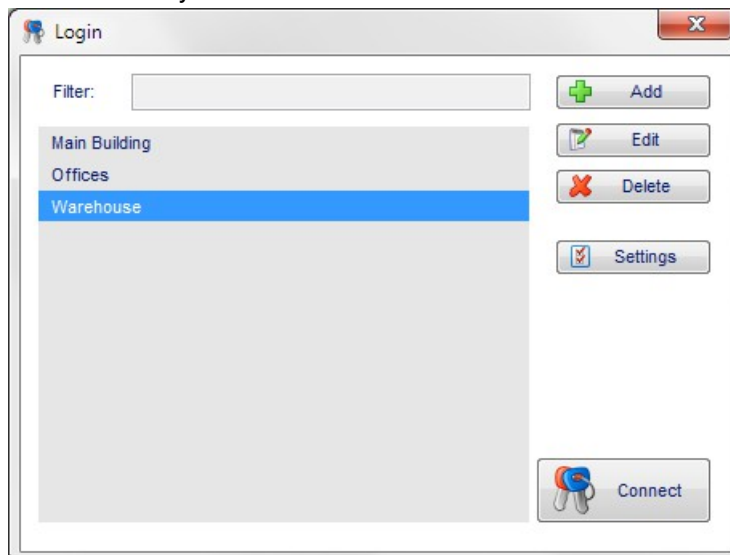
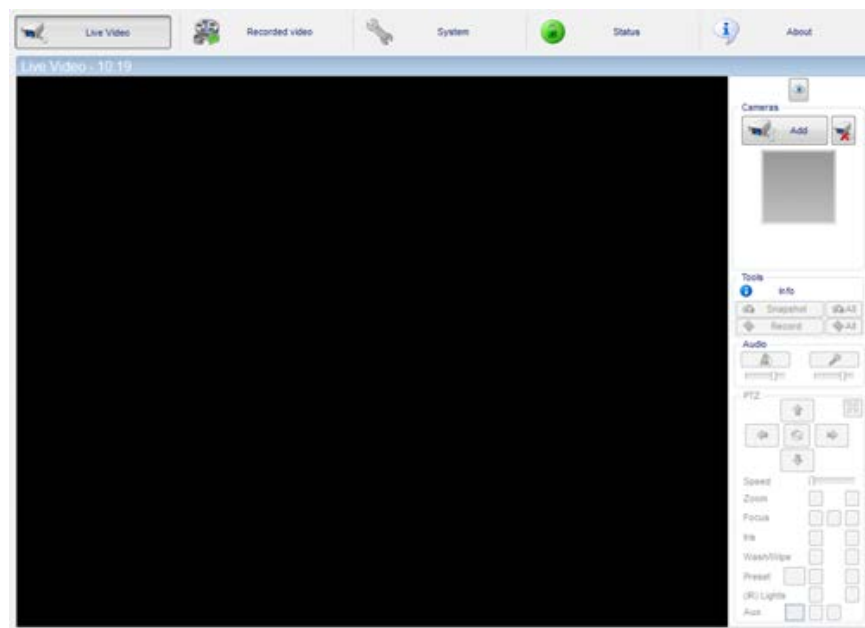**Connecting to an XO Device**

To connect to an XO device, proceed as follows:

1. Launch the XO client. The list of XO devices appears. The system automatically selects the last used XO device.
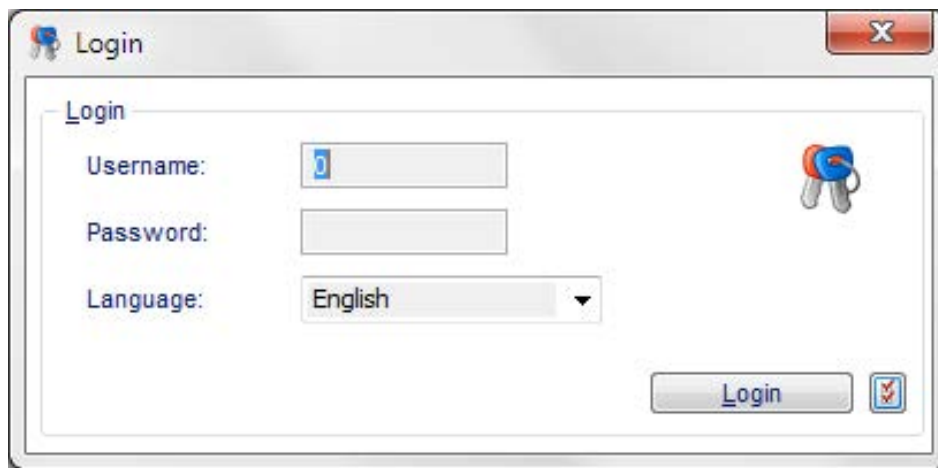

2. Click the desired XO device in the list, and then click Connect.

   Alternatively, double-click the desired XO device in the list. The Live Video screen appears:

Note
If you did not specify a password for connecting to the device, the following screen appears:

Enter the password and click Login.
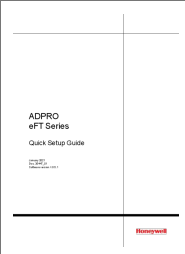
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Documents / Resources

Honeywell ADPRO eFT Series Remotely Programmable NVR+ Network Video Recorders [pdf] User Guide
ADPRO eFT Series, Remotely Programmable NVR Network Video Recorders, Network Video Recorders, Remotely Programmable NVR

References

- **MeadCo's Neptune :: Download**
- **World Leader in Artificial Intelligence Computing | NVIDIA**
- **mywebtech.honeywell.com/Systems/Home**

Manuals+,