ADPRO XO eFT-S

Quick Setup Guide

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Software version XO 5.4

Honeywell

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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

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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.

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1 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-S Series
- Power cord
- 19" mounting brackets
- Set of 4 rubber feet to use the device as a desktop unit.
- 2 SATA cables for eFT-S.
- 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-S Series device** or **XO device** is mentioned in this document, it refers to all models of the eFT-S Series unless specifically mentioned otherwise.

2 Power Requirements

The XO device is designed for 100–240 V~, 50/60 Hz operation. XO devices comply with EMF emission and immunity standards.

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.

3 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.

4 Technical Documents

Download the *ADRPO eFT-S Hardware Installation Guide* (3013-9446-001) and *XO Client Software User Guide for eFT-S* (3013-9447-001) from our website https://myhoneywellbuildingsuniversity.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 https://myhoneywellbuildingsuniversity.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.

5 Installing the XO Client Software on Your PC

5.1 System Requirements for the Client PC

5.1.1 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 to test the settings to make sure that your PC can handle your configuration.

5.1.2 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.

5.2 Installing the XO Client Software

You can install the XO client using the stand-alone client installer. This requires an internet connection for downloading installation package from myHBU (https://myhoneywellbuildingsuniversity.com/). For instructions, see the *XO Client Software User Manual* (3013-9447-001).

5.2.1 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 want to configure a device using the XO client, you need to put yourPC 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

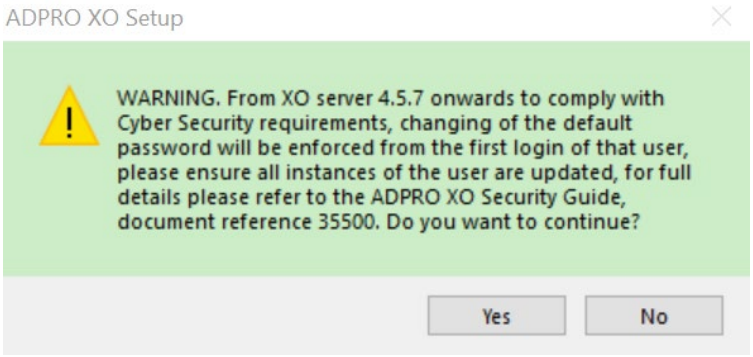
You can check the XO device information by running the following commands when you are connected to the device with a monitor and keyboard.

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

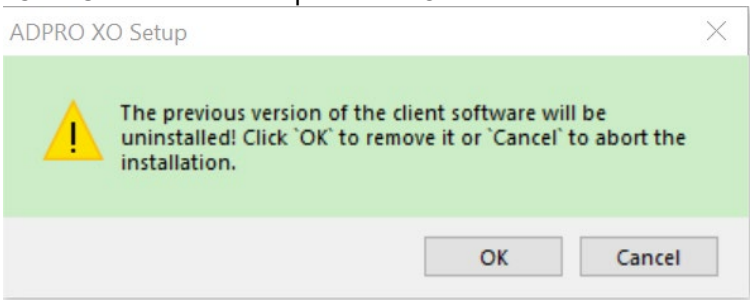
5.2.2 Installation

After download XO client software via myHBU, proceed as follows:

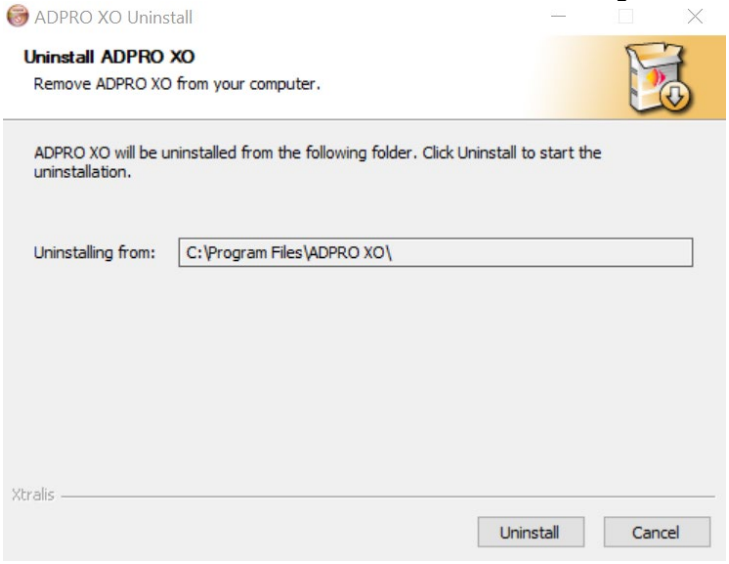
1. Double click ADPROXOClient_05.04.0013.exe to install.
2. Click **Yes** in the following message. This message is displayed as changing the default password for XO device from first login is made mandatory since XO 4.5.7.



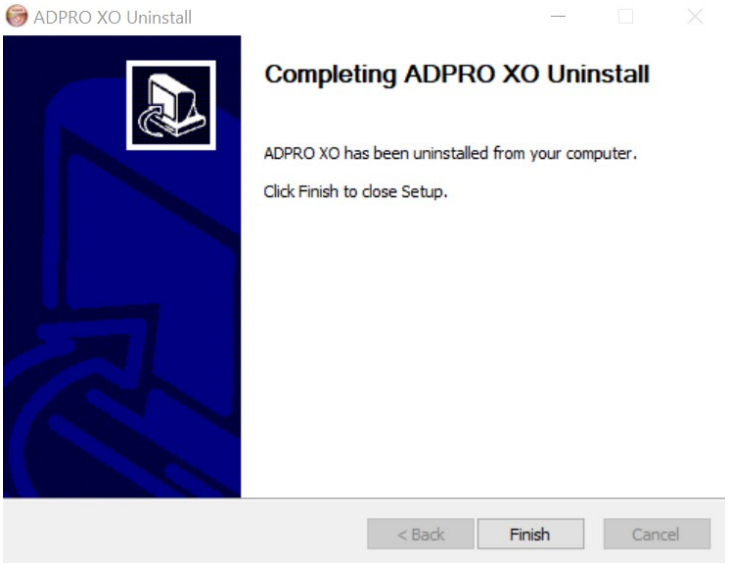
3. Click **OK** to uninstall the previous XO client.



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



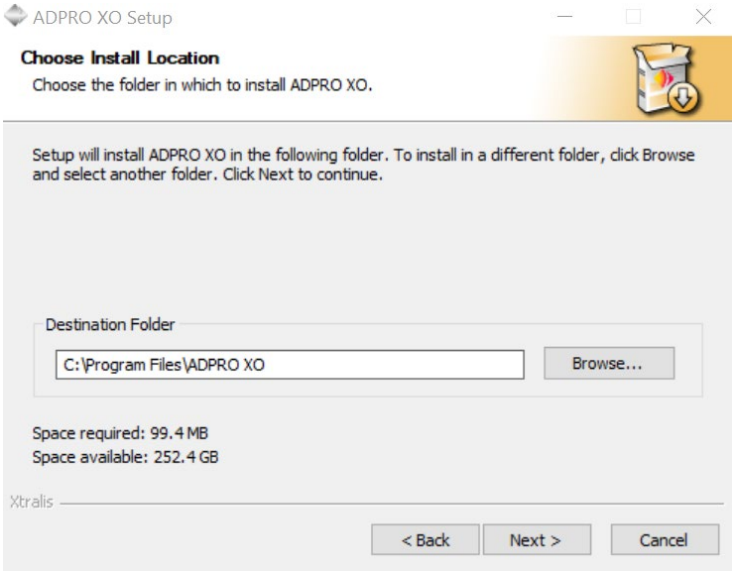
5. Click **Finish**. The new version will now install.



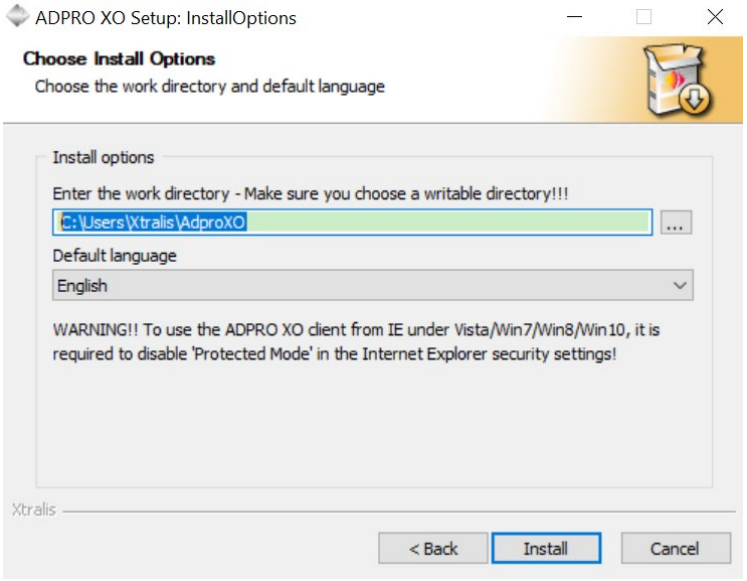
6. Click **I Agree** to agree with the terms of the license agreement.



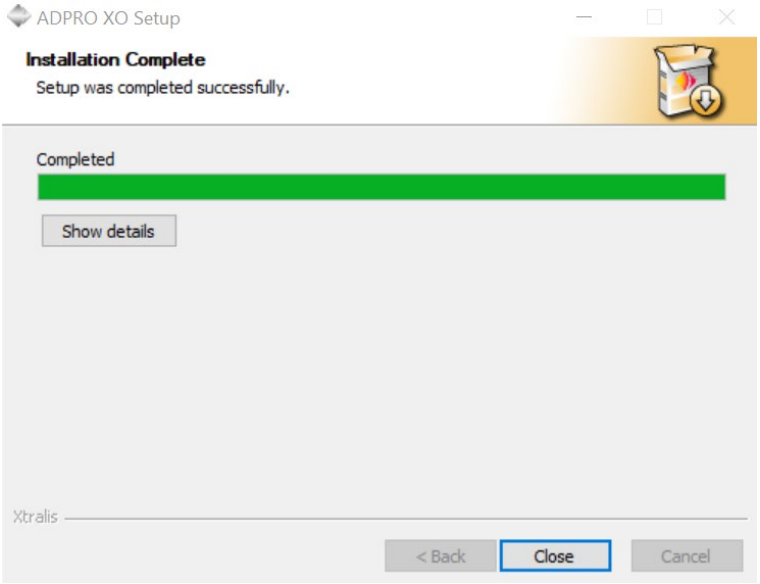
7. Accept or modify the installation folder. Click **Next**.



8. 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:



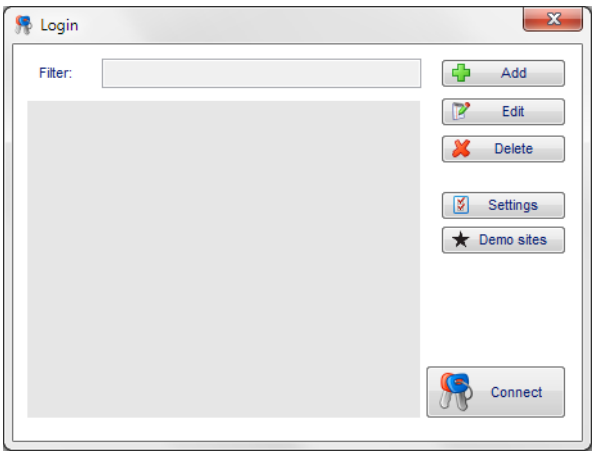
9. When the installation is completed, click **Close** to exit the installation Wizard. The new client version is now installed.



6 Launching the XO Client

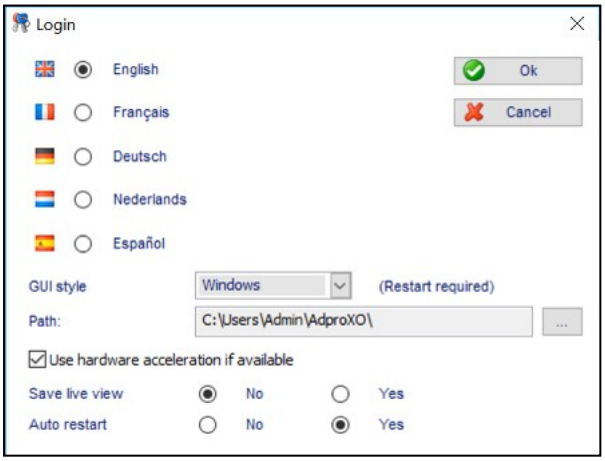
To launch the XO client, proceed as follows:

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, Français…	Select the desired language for the application.
GUI style	Select a style to change the appearance of the application. The changes will only take effect after you restart the client software.
Path	If required, change the default work folder (= the folder for storing snapshots and downloaded recordings).
Use hardware acceleration if available	Select this option if you want to use hardware decoding on your client PC. Hardware decoding 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 you set it to **No**, the live view window is empty when you start the client, and you have to select 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.

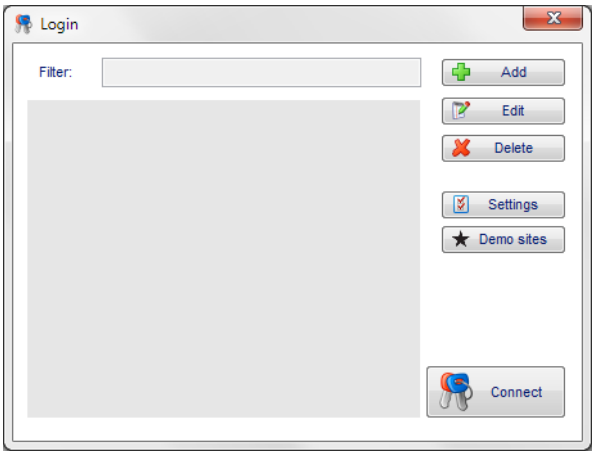
4. Click **OK** to save the settings.
5. If you have changed the **GUI style**, close the **Login** window, and then restart the client application for the changes to take effect.

You can now add an XO device and connect to it.

7 Adding an XO Device to the XO Client

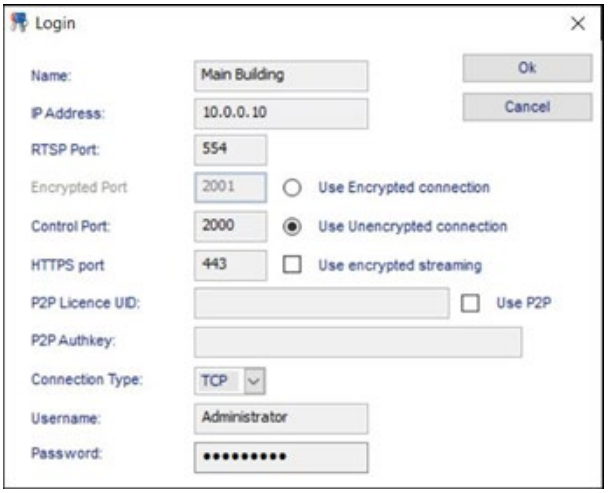
To add an XO device to the client, proceed as follows:

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:

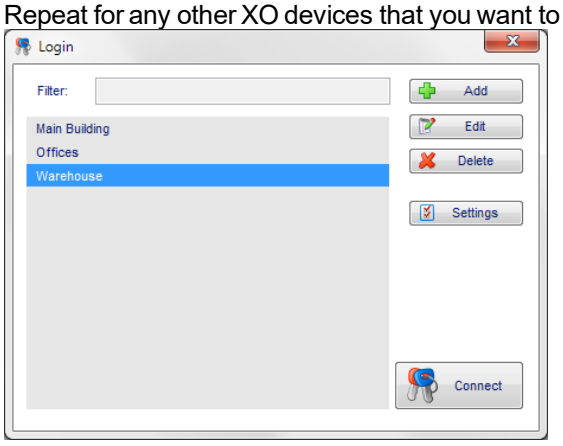


4. Provide the following information:

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	Type the RTSP port number (default value is 554).

Item	Description
Encrypted Port	Type the Encrypted port number (default value is 2001). Select the check box **Use Encrypted connection** to use Encrypted connection for secure connection.
Control Port	Type the control port number (default value is 2000).
HTTPS Port	The HTTPS port number (default value is 443) Select the **Use encrypted streaming** checkbox for secure video streaming. **Note** Restart the XO device after the secure streaming is enabled. Encryptionis applied 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 streaming is used.
P2P License UID	Enter the UID for P2P connection same as that of the XO server and select **UseP2P**. Enable P2P on the XO server from **System** > **Connections** > **Ethernet / PPP** > **P2P configure** for this field to display on the client login page. For more details, seeNetwork (Ethernet).
P2P Authkey	Enter the Authkey 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 configure** for this field to display on the client login page. For more details, seeNetwork (Ethernet). **Note** Only Administrative and technician users have rights to generate and display Authkey.
Connection Type	Select the TCP or UDP protocol. UDP is recommended, but TCP may be required ifthe connection goes through a router that blocks the UDP packets.
Username Password	Enter the user ID/username and password of an existing user to log on to the XO device. The default user ID is 0. The XO device has 666777 as the initial password which is changed 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. "0" as Administrator user is no longer possible to login the device.

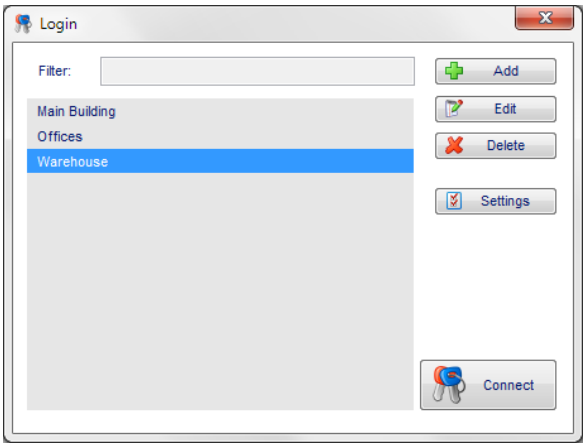
5. Click **OK**. The new XO device appears in the list.
6. Repeat for any other XO devices that you want to add.



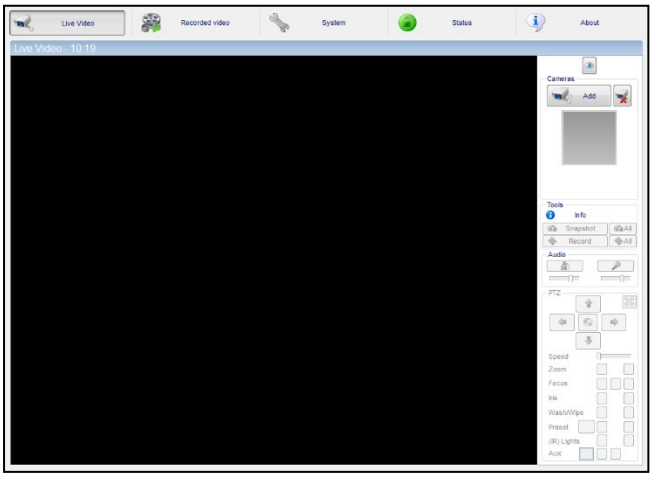
8 Connecting to an XO Device

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.

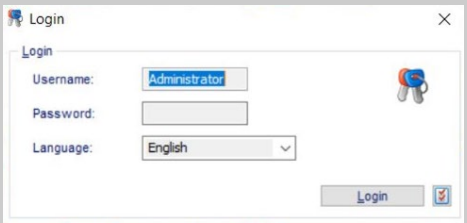


2. Click the desired XO device in the list, and then click **Connect**.
   Alternatively, double-click the desired XO device in the list.
   The **Live Video** screen appears:



Note

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



Enter the password and click Login.