# ADPRO eFT Series

# **Quick Setup Guide**

January 2021 Doc. 35447\_01 Software version XO 5.1



### Disclaimer

The contents of this document are provided on an "as is" basis. No representation or warranty (either express or implied) is made as to the completeness, accuracy or reliability of the contents of this document. The manufacturer reserves the right to change designs or specifications without obligation and without further notice. Except as otherwise provided, all warranties, express or implied, including without limitation any implied warranties of merchantability and fitness for a particular purpose are expressly excluded.

### Intellectual Property and Copyright

This document includes registered and unregistered trademarks. All trademarks displayed are the trademarks of their respective owners. Your use of this document does not constitute or create a license or any other right to use the name and/or trademark and/or label. This document is subject to copyright owned by Honeywell. You agree not to copy, communicate to the public, adapt, distribute, transfer, sell, modify, or publish any contents of this document without the express prior written consent of Honeywell.

### **Trade Name Statement**

ADPRO, FastTrace, iFT, iFT-E, eFT, iFT Gateway, IntrusionTrace, LoiterTrace, XO, iTrace, iCommand, iCommission, iPIR, and FMST are trademarks and/or registered trademarks of Honeywell and/or its subsidiaries in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Your use of this document does not constitute or create a licence or any other right to use the name and/or trademark and/or label.

### **General Warning**

This product must only be installed, configured and used strictly in accordance with the General Terms and Conditions, User Manual and product documents available from Honeywell. All proper health and safety precautions must be taken during the installation, commissioning, and maintenance of the product. The system should not be connected to a power source until all the components have been installed. Proper safety precautions must be taken during tests and maintenance of the products when these are still connected to the power source. Failure to do so or tampering with the electronics inside the products can result in an electric shock causing injury or death and may cause equipment damage. Honeywell is not responsible and cannot be held accountable for any liability that may arise due to improper use of the equipment and/or failure to take proper precautions. Only persons trained through an Honeywell accredited training course can install, test and maintain the system.

### Liability

You agree to install, configure, and use the products strictly in accordance with the User Manual and product documents available from Honeywell.

Honeywell is not liable to you or any other person for incidental, indirect, or consequential loss, expense or damages of any kind including without limitation, loss of business, loss of profits, or loss of data arising out of your use of the products. Without limiting this general disclaimer the following specific warnings and disclaimers also apply:

### **Fitness for Purpose**

You agree that you have been provided with a reasonable opportunity to appraise the products and have made your own independent assessment of the fitness or suitability of the products for your purpose. You acknowledge that you have not relied on any oral or written information, representation, or advice given by or on behalf of Honeywell or its representatives.

### **Total Liability**

To the fullest extent permitted by law that any limitation or exclusion cannot apply, the total liability of Honeywell in relation to the products is limited to:

- i. in the case of services, the cost of having the services supplied again; or
- ii. in the case of goods, the lowest cost of replacing the goods, acquiring equivalent goods or having the goods repaired.

#### Indemnification

You agree to fully indemnify and hold Honeywell harmless for any claim, cost, demand, or damage (including legal costs on a full indemnity basis) incurred or which may be incurred arising from your use of the products.

#### Miscellaneous

If any provision outlined above is found to be invalid or unenforceable by a court of law, such invalidity or unenforceability will not affect the remainder which will continue in full force and effect. All rights not expressly granted are reserved.

### **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:

lcon	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.
Õ	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.
$\land$	Warning! This icon indicates danger of physical harm to the reader. Not following instructions may lead to death or permanent injury.
$\Lambda$	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

1	Pack	ing List		6
2	Powe	er Requi	rements	6
3	Safet	y Instru	ctions	6
4	Tech	nical Do	cuments	6
5	Insta	lling the	XO Client Software on Your PC	7
	5.1	Systen	n Requirements for the Client PC	7
		5.1.1	Hardware	7
		5.1.2	Software	7
	5.2	Installi	ng the XO Client Software	7
		5.2.1	Internet Explorer Settings	8
		5.2.2	Changing the PC's IP Address	8
		5.2.3	Installation	9
6	Laun	ching th	e XO Client	12
7	Addi	ng an X	O Device to the XO Client	13
8	Conr	necting t	o an XO Device	15

# 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<sup>®</sup>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.

# 2 **Power Requirements**

The XO device is designed for 100–240 V $\sim$ , 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!

 $\left( \right)$ 

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 *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 <a href="https://www.xtralissecurity.com">www.xtralissecurity.com</a> (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

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).

## O Note

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).

## 5.2.1 Internet Explorer Settings

## Note

 $\bigcirc$ 

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 Select 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.



Ŷ

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

## 5.2.2 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

 $\bigcirc$ 

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

## 5.2.3 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.



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.

Do you want to run or save ADPROXOClient.exe (5.16 MB) from 10.0.0.10?	Run	Save	-	Cancel	×
--	-----	------	---	--------	---

4. Click **Run** to start the installation.

# O 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.

	WARNING. From XO4.5.5 onwards to comply with Cyber Security requirements, changing of the default password any XO device that is still on the default will be enforced f the first login of that user, please ensure all instances of t user are updated, for full details please refer to the ADPR XO Security Guide, document reference 35500. Do you wa to continue?	for from the O nt
--	---	-------------------------------

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.

ADPRO XO Uninstall	. · · · · · · · · · · · · · · · · · · ·
	Completing the ADPRO XO Uninstall Wizard ADPRO XO has been uninstalled from your computer. Click Finish to dose this wizard.
	< Back Finish Cancel

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



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

ADPRO XO Setup				
Choose Install Location Choose the folder in which to install ADPR			,	
Setup will install ADPRO XO in the following and select another folder. Click Next to co	g folder. To install in ntinue.	a different folde	r, dick Browse	
Destination Folder		Bro	wse	
Space required: 82.9MB Space available: 589.7GB Strats				
	< Back	Next >	Cancel	

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.



# 6 Launching the XO Client

To launch the XO client, proceed as follows:

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:

👫 Login	×
Filter:	🖨 Add
	📝 Edit
	🔀 Delete
	Settings
	Connect

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**.

22	۲	English					0	Ok
	0	Français					×	Cancel
	0	Deutsch						
=	0	Nederlands						
	0	Español						
GUI s	O	Español	Wine	dows	>	(Restart re	quired)	
GUI s Path:	O	Español	Wind C:\L	dows Isers\Admi	√ n\AdproXC	(Restart re	quired)	
GUI s Path:	O tyle se har	Español dware accelera	Wind C:\L	dows Isers\Admi f available	n\AdproXC	(Restart re	quired)	
GUI s Path: Us Save	tyle se han	Español dware accelera	Wind C:\L ation i	dows Isers\Admi f available No	n\AdproXC	(Restart re	quired)	

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 <b>Yes</b> if you want to show the last used camera matrix in the live view. If you set it to <b>No</b> , 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 <b>Yes</b> 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:

👫 Login			×
Name:	eFT-T4 16p admin user		Ok
IP Address:	10.78.131.246		Cancel
RTSP Port:	554		
Control Port:	2005		
HTTPS port	443 Use en	crypted streaming	
P2P Licence UID:			Use P2P
Connection Type:	TCP 🗸		
Username:	0		
Password:	•••••		

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 Control 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 <b>Use encrypted streaming</b> checkbox for secure video streaming.
	O Note
	Restart the XO device after the secure streaming is enabled. Encryption is 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	Enter the UID for P2P connection same as that of the XO server and select <b>Use P2P</b> .
UID	Enable P2P on the XO server from <b>System &gt; Connections &gt; Ethernet / PPP &gt; P2P</b> <b>configure</b> for this field to display on the client login page. For more details, see Network (Ethernet).
Connection Type	Select the TCP or UDP protocol. UDP is recommended, but TCP may be required if the 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 <b>password</b> is optional. If you leave the <b>Password</b> 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.



# 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:



🧏 Login			×		
<u>L</u> ogin	-	1			
Username:	2	]	₩		
Language:	English				

 www.security.honeywell.com

 A Disclaimer about this document, statements about Intellectual Property, Copyrights, and Liability, as well as a General Warning are available in an earlier section of this document.

 Document No: 35447\_01
 P/N 19531912

