ADPRO® FastTrace 2

FastTrace 2 ☒ by Xtralis

Quick Setup Guide

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ADPRO® by xtralis™

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The following icons conventions are used in this document.

Convention	Description
	Caution: This icon is used to indicate that there is a danger to equipment. The danger could be loss of data, physical damage, or permanent corruption of configuration details.
	Warning: This icon is used to indicate that there is a danger of electric shock. This may lead to death or permanent injury.
	Warning: This icon is used to indicate that there is a danger of inhaling dangerous substances. This may lead to death or permanent injury.

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1 Packing List

After unpacking, check for any signs of damage. Damage should be reported to your supplier immediately. Also check whether all items are present:

- ADPRO® FastTrace™ 2 server unit
- Power cord
- CD with client software and manuals
- Quick Setup Guide
- 19" mounting brackets black
- Set of resistors (if fitted with MIO / EIO input/output card)
- Set of 4 rubber feet to use the FastTrace 2 Server as desktop unit

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

2 Power Requirements

The ADPRO FastTrace 2 is designed for 100 – 240 VAC 50 – 60 Hz operation. It should not share electrical outlets or circuits with devices that may cause significant electrical interference, such as air conditioners or a photocopier.

Some installations may have particularly bad mains power disturbances, such as large voltage spikes, surges and power sags which may cause system failure. In this case, power line filters/conditioners and/or uninterruptible power supplies should be fitted between the ADPRO FastTrace 2 and the mains.

3 Safety Instructions

The plug is the disconnect device for the FastTrace 2 video systems; the socket-outlet needs to be installed near the video system and needs to be easily accessible.

4 Technical Documents

Please download the technical manual and users' manual from our website www.xtralissecurity.com. You can also download some technical data sheets on specific items connecting to the FastTrace 2.

5 Installing the FastTrace 2 Client Software on your Computer

5.1 FastTrace 2 Client – Minimum System Requirements

5.1.1 Hardware

- Pentium 4, 1.6 GHz
- 512 MB RAM
- Graphics card that is compatible with DirectX 7

It is recommended to use a graphics card that allows YUV surfaces and hardware stretching. If not compatible the FastTrace 2 client software will force the graphics card to GDI mode, which will increase CPU load.

5.1.2 Software

- Windows XP (SP 2) or higher
- Internet Explorer 7 or higher
- DirectX 7

The FastTrace 2 Client version 2.01.xxxx is backwards compatible with all V3100 Hybrid versions (from version 2.00.xxxx) and all V3100 FT versions (from version 1.00.0001). However, some menus will look different, depending on the connected video system.

NOTE!

- It is recommended to install the latest drivers of your graphics card!

  For NVIDIA cards please check the website http://www.nvidia.com.

  For ATI cards please check the website http://ati.amd.com.

- The client can always be forced into GDI mode. Add the line 'gdi=1' in the [General] section of the 'hydra.ini' file. This file can be found in your local work folder. Forcing the client to GDI mode is not recommended!

5.2 Preparing the network settings on your PC

The FastTrace 2 video system is by default on IP address 10.0.0.10 with subnet mask 255.255.255.0. When installing the client software, you need to put your PC in the same IP range (e.g. IP address 10.0.0.2 with subnet mask 255.255.255.0).

5.2.1 Changing the PC's IP address

5.2.1.1 For Windows XP

From **Start > All Programs > Accessories > Communications > Network Connections** right click on **Local Area Connection** and select **Properties**.

From here, select **Internet Protocol (TCP/IP)** and click **Properties**.

For ease of initial setup, you should change the PC IP settings to the following:

IP address	10.0.0.2
Subnet mask	255.255.255.0
Default gateway	10.0.0.1

Click **OK** and the Local Area Connection Properties box is displayed again. Click **OK** and close the Network and Dial-up Connections panel.

5.2.1.2 For Windows Vista/ Windows 7

From **Start** click **Control Panel** (View by Category). Click **Network and Internet**. Click **Change adapter settings**. Right click on **Local Area Connection** and select **Properties**. Select **Internet Protocol Version 4** (TCP/IPv4) and click **Properties**.

For ease of initial setup, you should change the PC IP settings to the following:

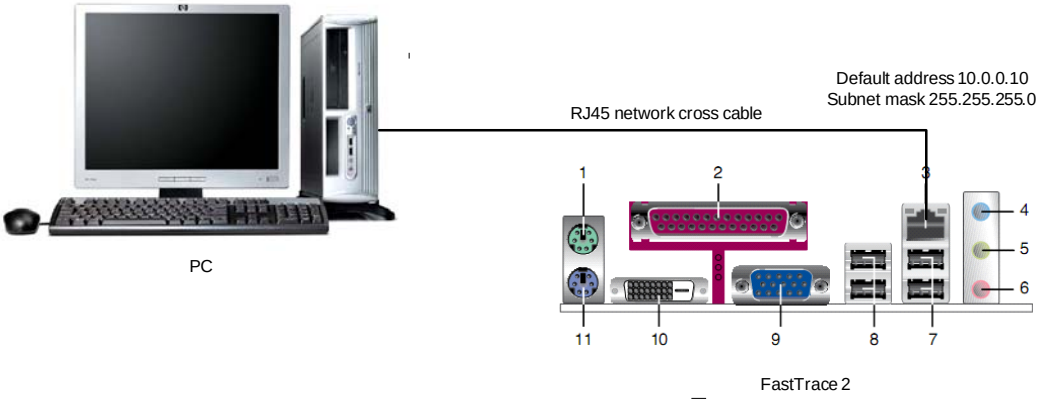
IP address	10.0.0.2
Subnet mask	255.255.255.0
Default gateway	10.0.0.1

> ***NOTE!***
>
> If the PC being used for configuration is also the Video Central Session Handler PC, the IP address should be set to 192.168.1.10 instead.

Click OK to return to the Local Area Connection panel. Again click OK to close this panel.

5.3 Installing the FastTrace 2 Client Software

Connect your PC to the FastTrace 2 video system with an RJ45 network cross cable.



Open **Internet Explorer** and type the address of the FastTrace 2 video system in the address bar. If necessary add the setup page to the address: http://10.0.0.10/setup.php.

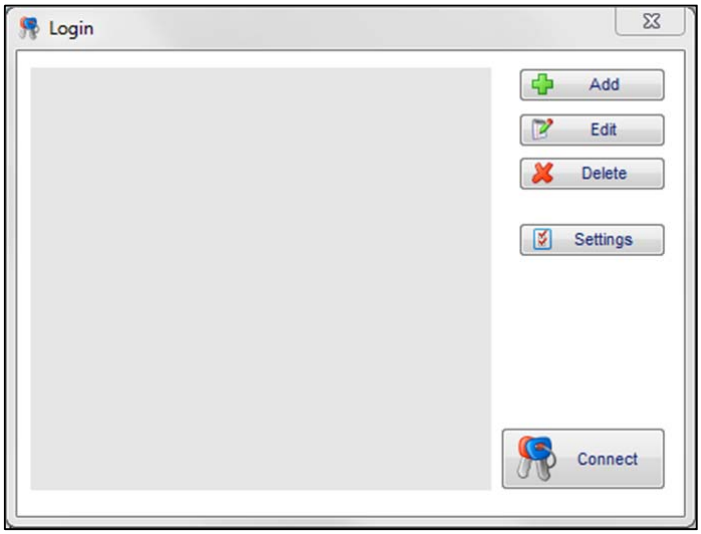
Click **setup.exe**. Click **Run** to start the installation. You can also click 'Save' to store the files on your PC so that you can run the installation later. Click **Run** to begin the installation of the Client software. When showing the License Agreement window, you need to agree with the terms. Click **I Agree**. Accept or modify the installation folder. Click **Next**. Accept or modify the work folder. Also select your preferred language. Click **Install**.

The installation is now completed. Click **Close** to exit this installation wizard.

5.4 Launching the FastTrace 2 Client

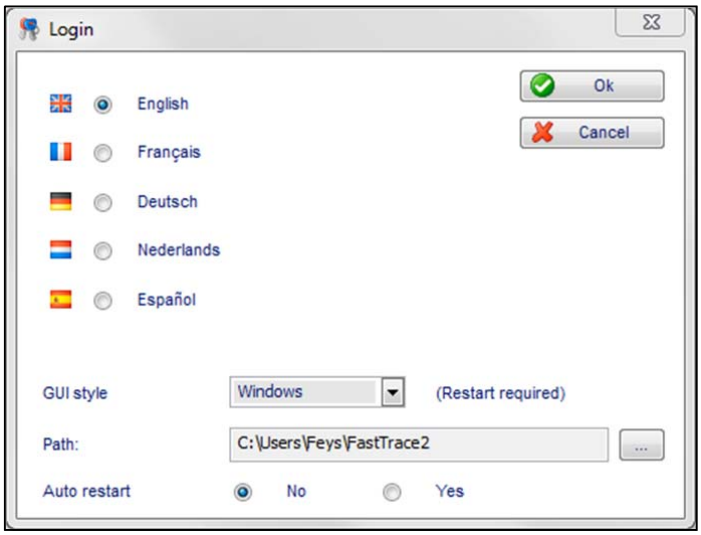
On the desktop, double click the FastTrace 2 shortcut.

If no shortcut icon can be found, click the **Windows Start** button, choose **All Programs** and click **FastTrace 2 > FastTrace 2**. You will get a login window:



5.4.1 Settings

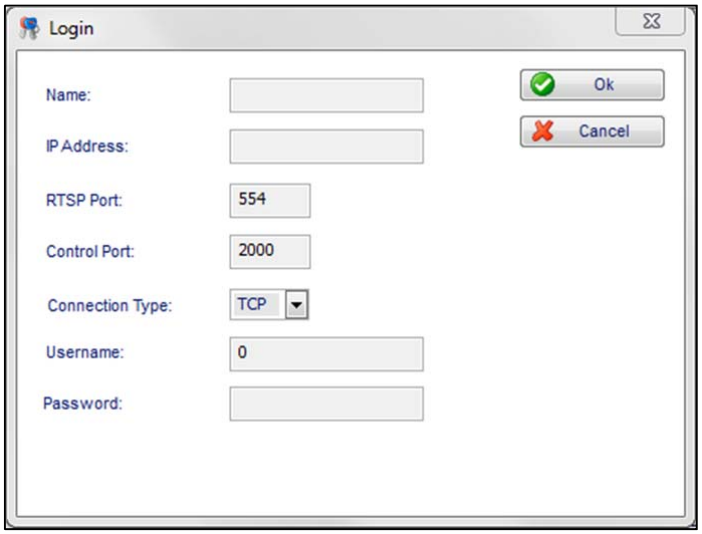
Via **Settings** you can change the language, the skin (= appearance of the program), the work folder (in which stills and footage are stored) and the Auto restart settings:



5.4.2 Adding a FastTrace 2 server to the FastTrace 2 client

Launch the FastTrace 2 Client. Click **Add**.

You will get the window as underneath.



Please fill in all necessary information.

Name	Enter a description as “Name”. *It is recommended to provide a meaningful description to your FastTrace 2 video system!*
IP Address	Enter the IP address of the FastTrace 2 (by default 10.0.0.10).
RTSP Port *Control Port*	Set RTSP and Control ports. Use the same ports as specified under **System > Ethernet/PPP**.
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 username and password of an existing user. By default you can log on with user “0” and password “666777”.

Click **OK** to save the added device.

At this time you can select the newly added video system from the list and connect to it.

5.4.3 Connecting to a FastTrace 2 Server

Launch the FastTrace 2 Client. Select the desired video system from the list and click **Connect**.

6 Using ADPRO VideoCentral Platinum

The information underneath is specified for ADPRO VCP, but also applies for use of the FastTrace 2 with VSKWin or M3000 software.

6.1 Set up FastTrace 2 for Connection with ADPRO VideoCentral Platinum

Following information has to be entered before connecting to the ADPRO VideoCentral Platinum:

- Unit ID
- Username and password
- IP address and connection ports

Open **System > Behaviour > Alarm transmission**. Enter the correct value for “FastTrace Unit ID” (value must be a number between 1 and 9999). Click **Save**.

Open **System > General > Users**. Click **Add**. Select a free user ID (= value from 0 through 31; with 0, 1 and 15 by default reserved). Enter the user name. Type the password (= 6 digits) and retype it to exclude typing errors. Select the Administrator level. Click **Save**.

Open **System > Connections > Ethernet/PPP**. For Ethernet parameters, enter the final IP address, subnet mask and gateway, according to the specifications of the network to which the system will be connected. For ports, modify Control port (= port 1) and RTSP port (= port 2) according to the ports configured in the Central Video Platinum software. Click **Save**.

6.2 Set up FastTrace 2 for Alarm Transmission to the ADPRO VideoCentral Platinum

To set up the FastTrace 2 Server to send alarms to the ADPRO VideoCentral Platinum, open **System > Behaviour > Alarm transmission**. Under Activate Alarm Transmission, select the option “Primary Ethernet”. Under Primary Alarm Transmission, enter the IP address of the VCP computer in the Destination 1 IP address field. Click **Save**.

6.3 Setting time zone, date and time in the FastTrace 2

Open **System > General > Date/Time**. Select the time zone, tick **Yes** for Daylight savings and – if available – enter the NTP server address. Select “Date” and enter time (hours, minutes, seconds). Click **Save**.

6.4 Save and Restart

To store all modifications to non-volatile memory, open **System > Maintenance > Configuration Management**, select configuration 1 and click Save.

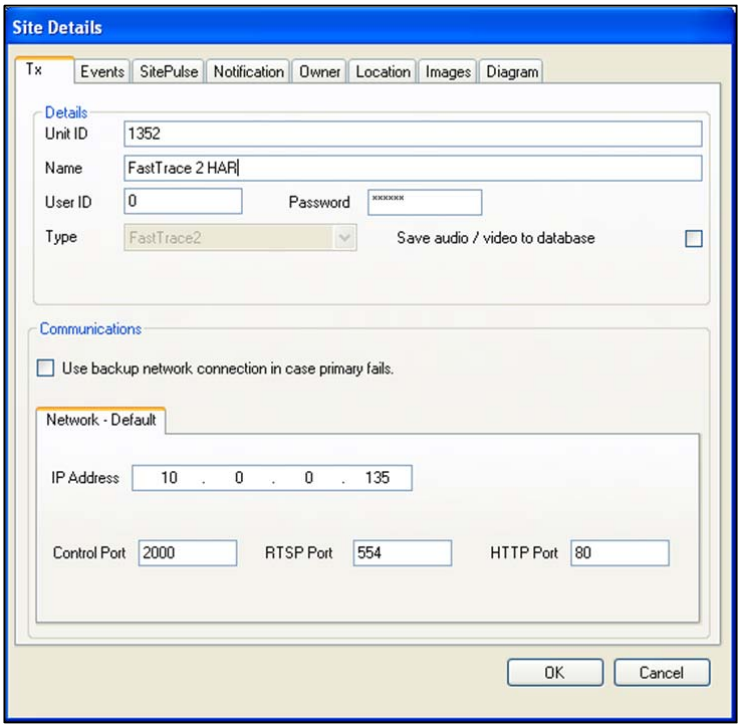
To apply the new network settings, restart the unit. Open **System > Maintenance > Configuration Management** and click **System Restart**.

Now you can connect the FastTrace 2 to the final network and use the VCP software.

6.5 Set up ADPRO VideoCentral Platinum for Alarm Reception from the FastTrace 2 Server

In the VideoCentral Platinum Client, open **Tools > Administration > Sites** and click **Add**.

Fill in all parameters as explained in 6.1 Set up FastTrace 2 for connection with ADPRO VideoCentral Platinum.


Site Details
Tx
Events
SitePulse
Notification
Owner
Location
Images
Diagram
Details
Unit ID
1352
Name
FastTrace 2 HAR
User ID
0
Password
******
Type
FastTrace2
Save audio / video to database
Communications
Use backup network connection in case primary fails.
Network - Default
IP Address
10 . 0 . 0 . 135
Control Port
2000
RTSP Port
554
HTTP Port
80
OK
Cancel

Click **OK**.

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