



Fast-Touch Video Browser

User manual



Contents

1. Introduction	3
2. Minimal hardware requirements.....	3
3. Installation.....	4
4. Interface overview	7
4.1. First start	7
4.1. Controls	8
5. Operating.....	9
5.1. Adding Recorder	9
5.2. Viewing video from cameras	10
5.3. Active view controls	11
5.4. Layouts	12
5.5. PTZ controls	14
5.6. Recording and Playback	15
5.7. Smart Search	18

1. Introduction

Quadrox Fast-Touch Video Browser is a native touch enabled video browser that guarantees the finest user experience: simple, flexible and smart navigation among multiple recorders and cameras.

Fast-Touch Video Browser is built for speed and touch from the ground up giving you the fastest possible access to live and recorded video. It intuitively anticipates your next move by already having those images ready at your fingertips.

Fast-Touch Video Browser's immersive experience allows you to navigate the past through video images rather than traditional time controls. Unlike time controls, video images bring meaning and content to your queries into the past. Fast-Touch Video Browser revolutionizes the playback process.

Key Features:

- Thumbnails for precise choice of the moment
- Kinetic scroll on playback, camera and recorder lists
- Variety of mosaics (from 1 to 20-cell mosaic)
- Touch-enabled controls
- Floating camera lists
- Kinetic zoom in/out of thumbnails to access days, hours and minutes of recordings
- Settings saved after reboot or closing
- In view access to PTZ camera controls (if available)
- Traditional date and time controls are a thing of the past

2. Minimal hardware requirements

- Windows 7 OS
- 2 GB RAM
- 100 MB storage
- DirectX 9 hardware optimized graphical card (Intel, ATI, NVIDIA, etc).

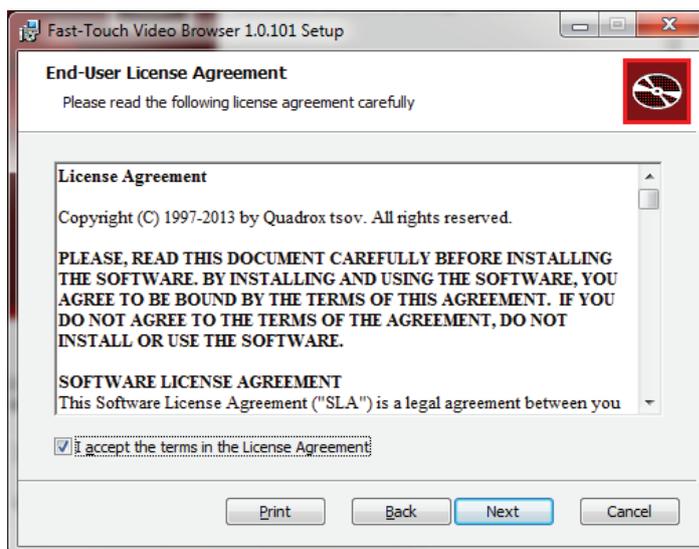
3. Installation

To install Fast-Touch Video Browser you have to do the following steps:

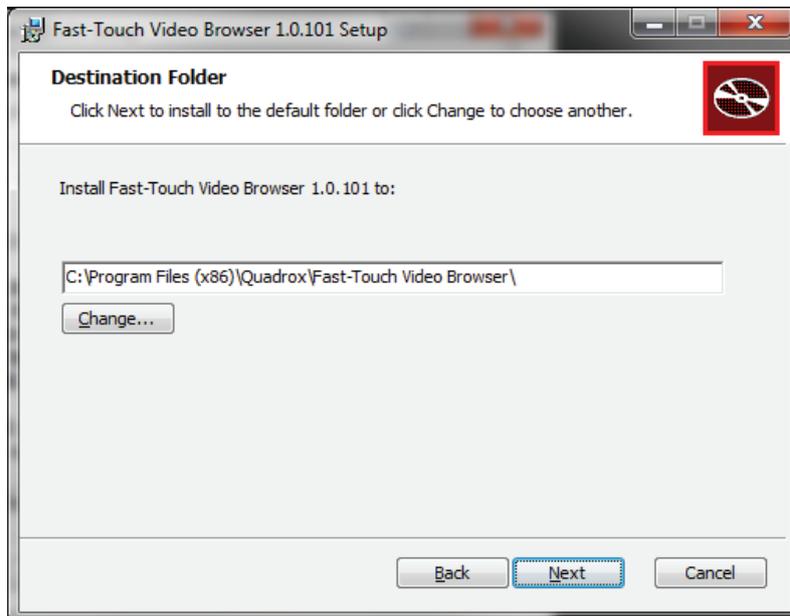
1. Run the installation file as administrator.
2. Click Next in the appeared window.



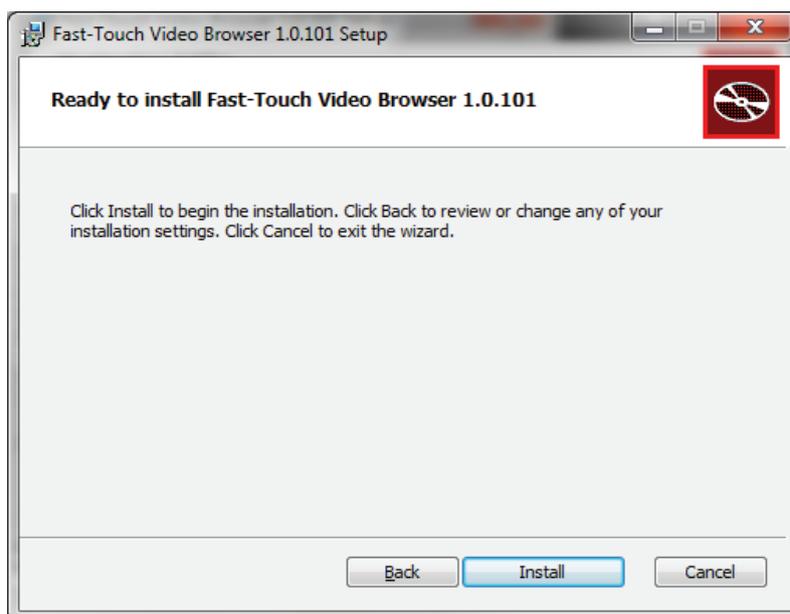
3. Read the License Agreement carefully. If you agree, mark the checkbox "I accept the terms in the License Agreement" and click Next.



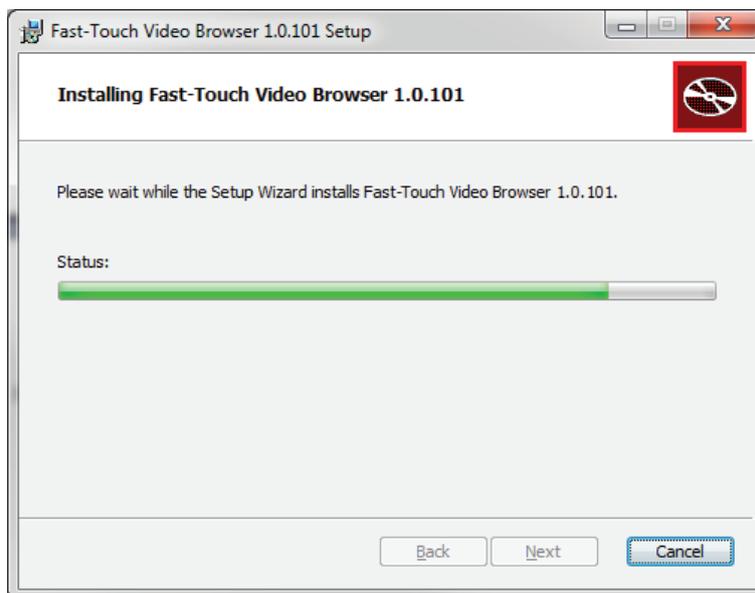
1. Choose the destination folder where **Fast-Touch Video Browser** will be installed. You can use the default location or change it if necessary. Click **Next**.
2. The installer will inform you that everything is ready for proper installation and suggest you to continue. Click **Install** to proceed or **Back** to change the installation settings.



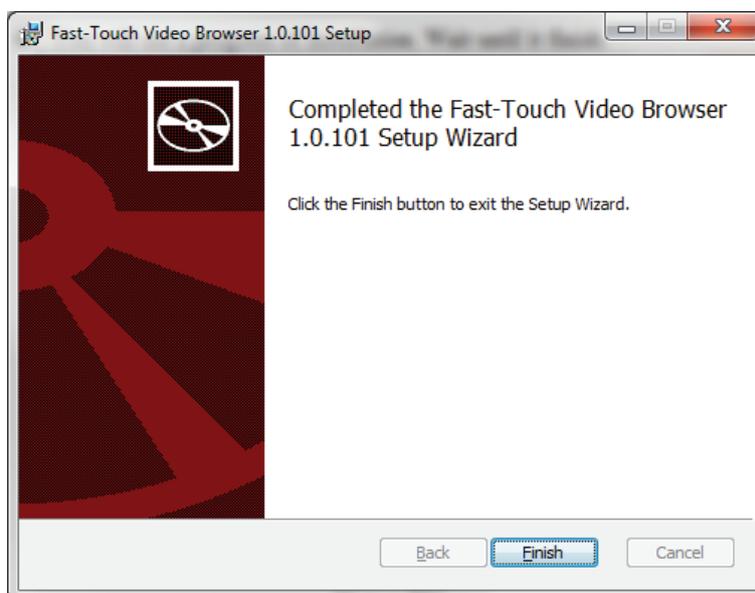
3. The installer will inform you that everything is ready for proper installation and suggest you to continue. Click **Install** to proceed or **Back** to change the installation settings.



1. You will see the progress of installation. Wait until it finishes.



2. The installation is completed. Click **Finish**.



If you need to uninstall Fast-Touch Video Browser for some reason, you can do this using the Windows Control Panel.

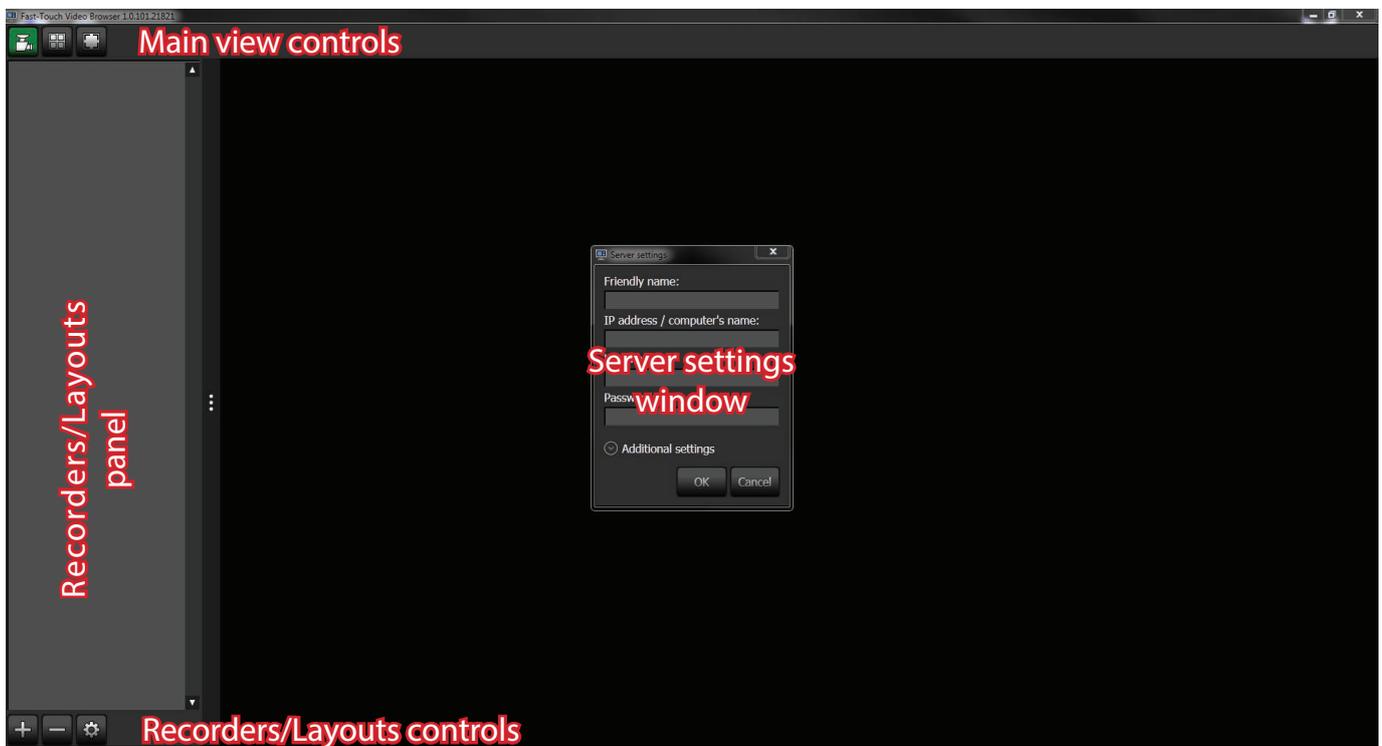
4. Interface overview

4.1. First start

When the installation is finished, you will see an icon on your desktop:



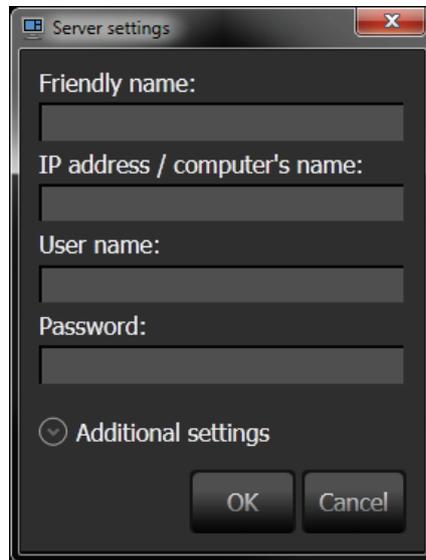
Launch the application. After the first start you will see a window as shown below.



At first launch the application will suggest you to add a new recording server; the Server settings window will appear.

If you had Fast-Touch Video Browser installed on your PC before your settings will remain unchanged.

The Server settings window allows you to enter basic recording server options, as Friendly name, IP and user credentials.



If you need to set additional options (port or domain), click on Additional settings.



4.2. Controls

The main view controls of Fast-Touch Video Browser are located on the top part of the application. There are three buttons, the active ones are highlighted in green:



Show/Hide recordings panel



This button allows you to show or hide the panel with recorders. It helps to increase the main window to a more comfortable usage, especially when there is a big amount of cameras in the mosaic view.

Show/Hide layouts panel



This button allows you to show or hide the panel with layouts. Like the previous button, it helps to increase the main window if necessary.

Fullscreen mode



This button allows you to extend Fast-Touch Video Browser to fullscreen mode. This function allows you to fill up the complete interface with useful information. When this mode is enabled, the standard window controls and Windows taskbar are not visible.

At the bottom of the window, under the Recorders/Layouts panel, are located panel-specific controls. Using these, you can add, remove or edit your recorders or layouts.



Add Recorder/Layout.

Pressed in the appropriate panel, this button allows you to add a new Recorder or Layout.

Remove Recorder/Layout.

Pressed in the appropriate panel, this button allows you to add/remove existing Recorder or Layout.



Notice that if you have only one layout in the panel, it can not be removed and the **“Remove”** button will be unavailable.



Settings.

This button opens the window with settings for the selected Recorder or Layout.

5. Operating

5.1. Adding Recorder

First, you need to add a Recorder if you have not done this when starting the application for the first time. Click on  and enter the required data in the window shown below. The information shown below is a sample, you need to fill in your own data.

Server settings

Friendly name:
New Recorder

IP address / computer's name:
192.168.1.2

User name:
administrator

Password:

Additional settings

OK Cancel

In this case we named our recorder **“New Recorder”**. When you have finished and pressed the OK button, the new recorder will appear in the recorders panel.

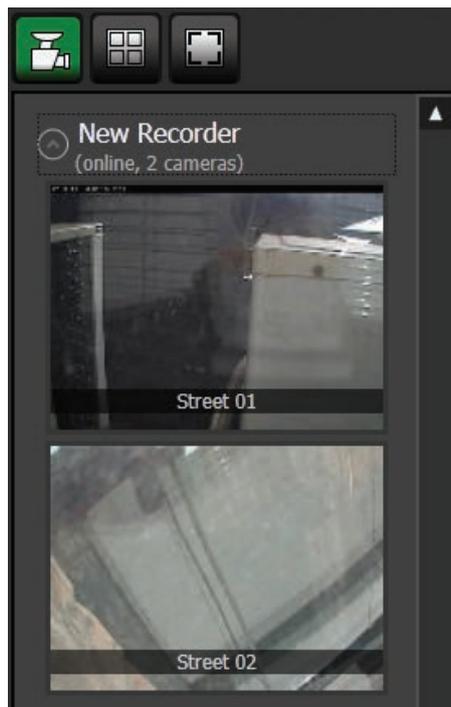


As you can see, in case of a successful connection to the server, **Fast-Touch Video Browser** will provide you basic information about the recorder, such as connection state (online or offline) and amount of cameras. If you have entered wrong credentials you will receive the message **“Wrong log on credentials”**.

5.2. Viewing video from cameras

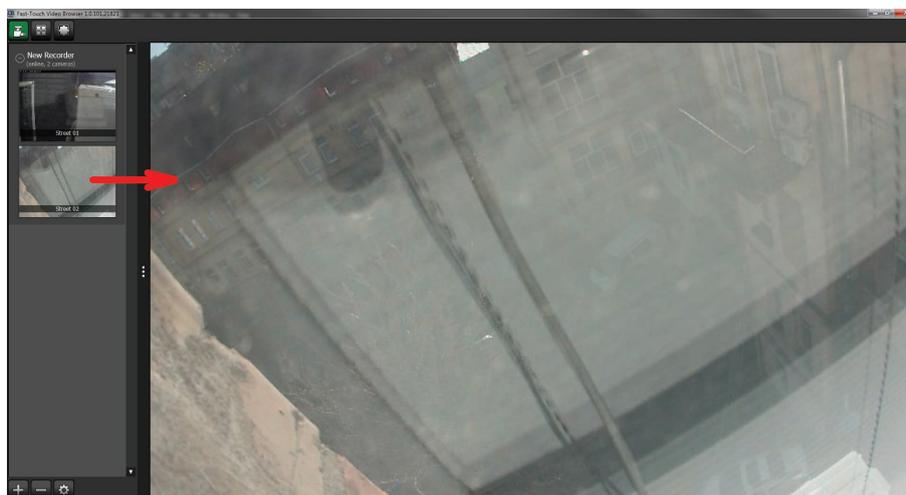


You will also see an arrow next to the name of the Recorder. If you click on the arrow, it will display the list of cameras connected to that recorder.



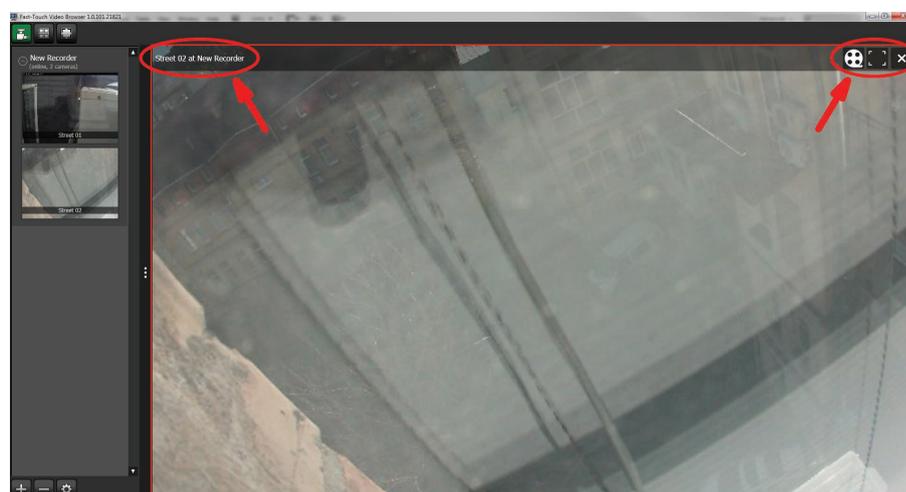
In our example we have two cameras called "Street 1" and "Street 2". The names of the cameras and their particular settings have been set up on the server. It is impossible to change settings of a camera in Fast-Touch Video Browser. It is designed only for viewing purposes.

Default, only **Single** layout is added to **Fast-Touch Video Browser**. So, if you drag one of your cameras to the main window it will be fully filled with the view of the camera you have dragged in.

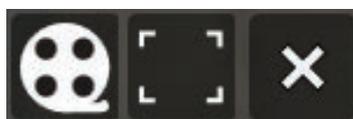


5.3. Active view controls

Clicking on the camera view in the layout reveals additional controls on the shadowed stripe on the top of the view.



On the left side of the stripe you will see the name of the camera and the server. On the right side you will see active view controls.





Playback

Opens playback of recordings from the current camera.

Maximize



Maximizes current camera view to fill full main window area. Useful option if you are using layouts containing multiple cameras and need to expand one of your cameras to see details on the video.



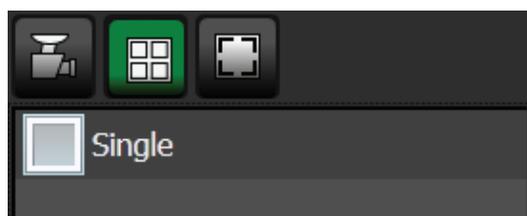
Close

This button closes the current camera view and the layout cell becomes empty.

5.4. Layouts



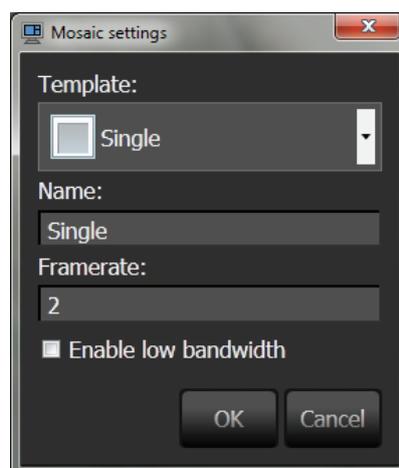
Pressing the  button you will see the **Layouts** panel instead of the **Recorders** panel.



By default, only **Single** layout is available. Notice that you are not able to delete this default layout. It will always be present in the list.



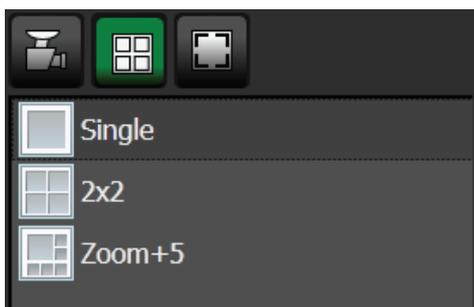
By clicking the  button at the bottom of the Layouts panel you will see a new window which allows you to add a new layout with average types of mosaics.



In the picture above you can see default options for every new added layout. You can change the layout name, frame rate, enable or disable the "low bandwidth" mode and, of course, change the template of the layout.

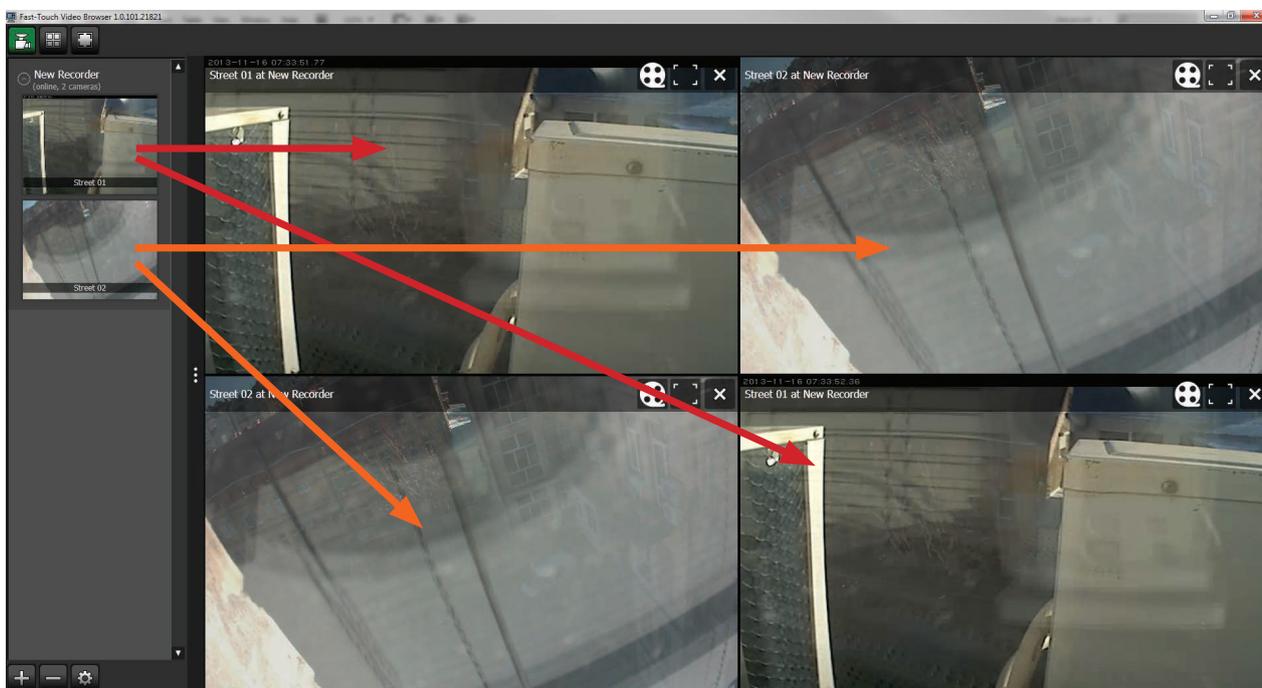
There are lots of options available to select under the **Template** drop-down list. According to your needs you can use the following templates with camera mosaics:

- Single
- 2x1
- 2x2
- 3x2
- 3x3
- 4x4
- 5x3
- 5x4
- Zoom+3
- Zoom+5
- Zoom+7
- 2Zoom+8H



All templates have small icons next to their names which can show you a basic view of the layout, so you are able to select right a mosaics template that fits your needs perfectly.

As an example, we added a few new mosaics layouts.



It doesn't matter how many cameras you have, because you can drag the same camera into multiple cells if you want.

It is also possible to mix cameras from several **Recorders** into one **Layout**.

When you have all layouts added and filled their cells with cameras you can easily switch between the layouts in **Layouts panel** by clicking on their names.



If you have a **PTZ camera** (pan-tilt-zoom) you can operate it in Fast-Touch Video Browser. Maximize the view of your PTZ camera cell and you will see the PTZ controls in the right lower corner.

It contains a 8-directional control pad (buttons with arrows) and zoom buttons. The button allowing access to the PTZ-presets is located in the center of the control pad.

When you click on this button, a panel with the thumbnails of the PTZ-presets will appear.

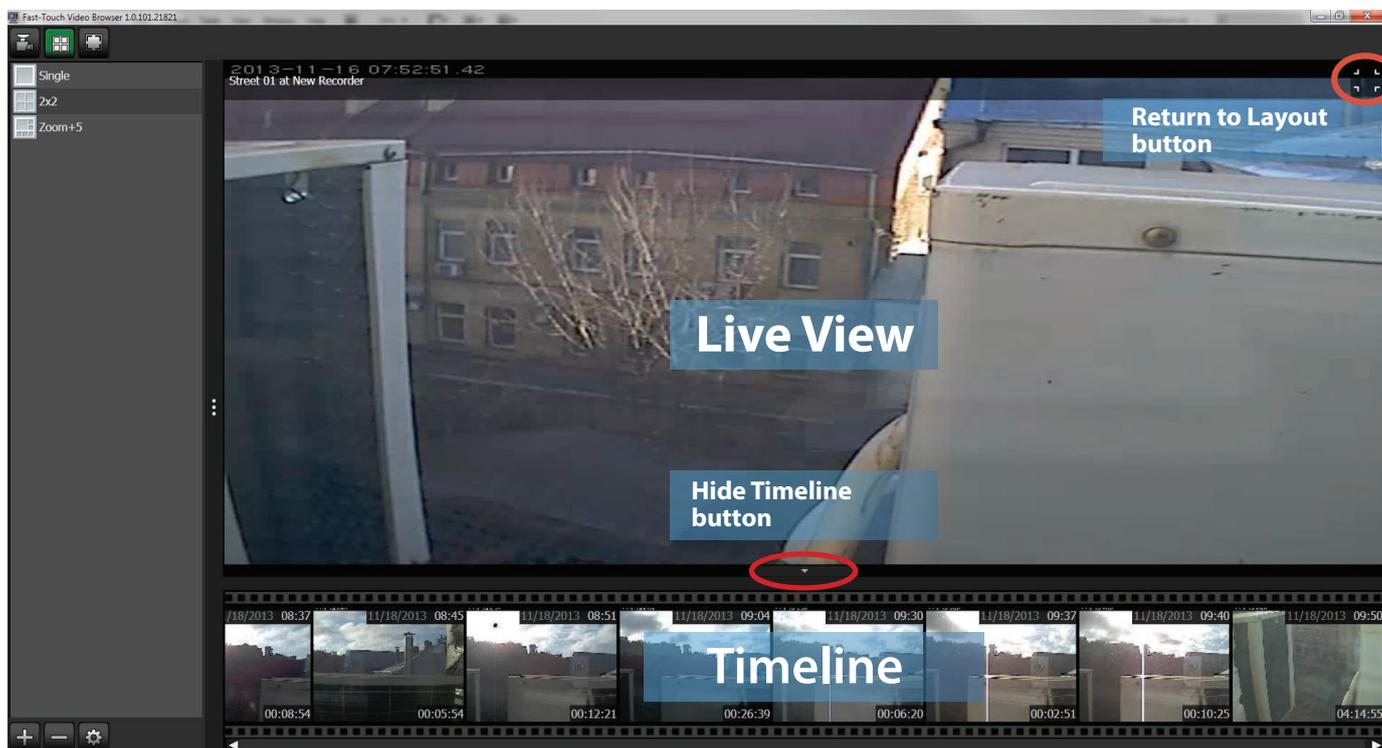
By clicking on a thumbnail, you will send a command to the camera to return to the position and zoom settings as stored in the preset.

Presets need to be set up on the camera or on the server.



5.6. Recordings and Playback

To access video recorded by a camera you have to click on the  button on the active view controls stripe. Click this button on the control stripe of the camera you want to see. If the camera made some recordings and the server was set up properly you will see the window shown below.

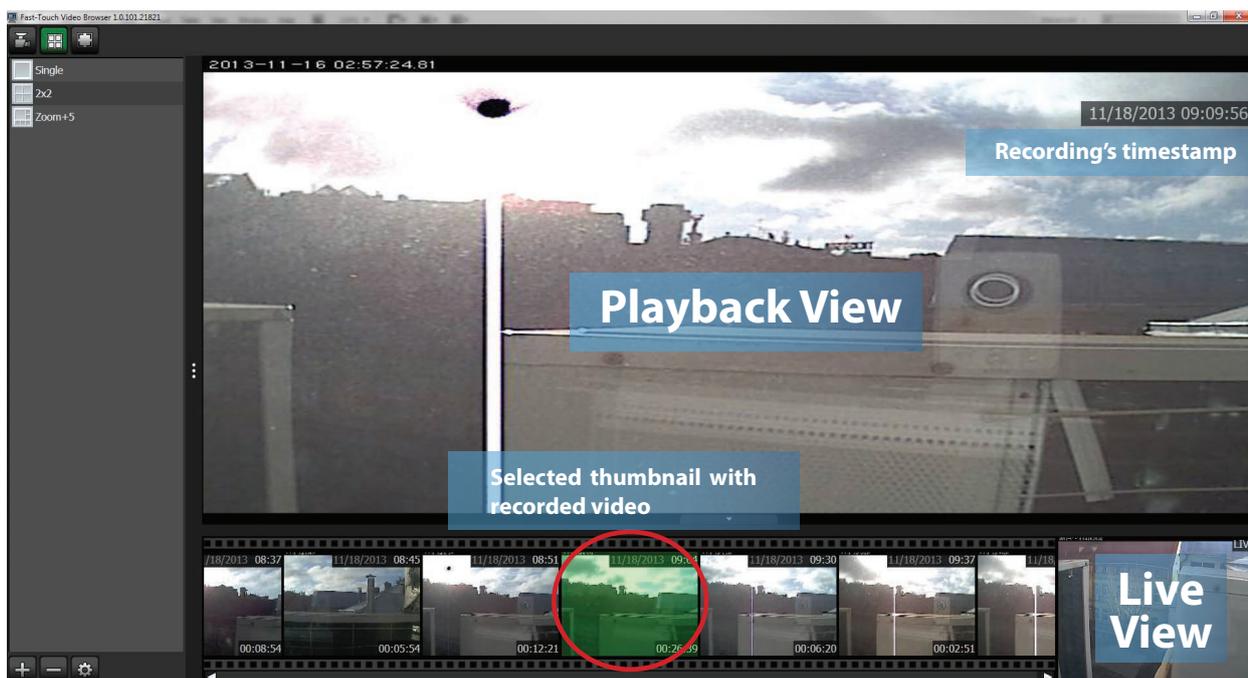


The biggest amount of space is used by **Live view**; the current view from your camera. Under Live View you can see a **Timeline** with thumbnails of recordings from the current camera. You can scroll through the **Timeline** and select the period of time you want to watch.

Between **Live View** and **Timeline** you will see a small button with an arrow. It allows you to hide the timeline to extend your **Live View** area if needed.

Once you clicked on a thumbnail with the recording you would like to see, **Live View** will be replaced with **Playback View**. At the same time **Live View** will be minimized to the right lower corner so you can always see what is going on. To return back to the maximized **Live View** just click on the window.

When the selected thumbnail becomes green, you are watching the video recorded by the selected camera. The correct time of the recording is visible in the timestamp in the right upper corner.

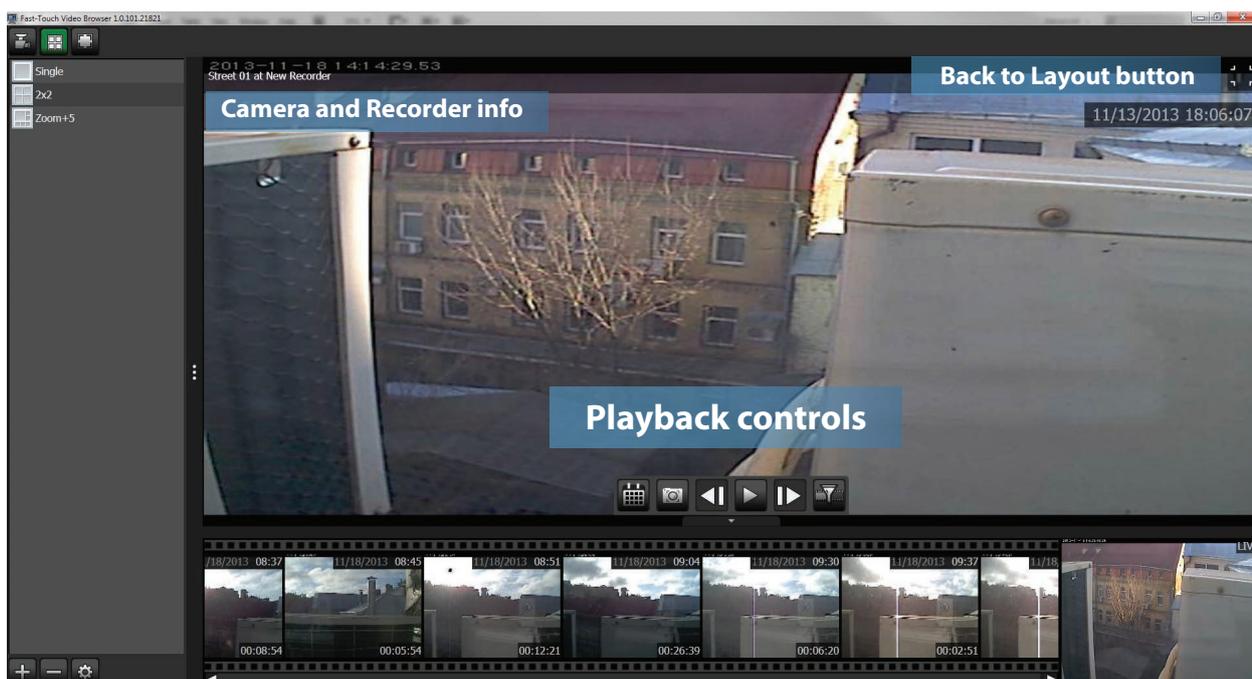


Also, you are able to change the scale of the **Timeline**. Use your scroll wheel to change it. You will see stretching or shrinkage of the **Timeline** and the amount of thumbnails will increase or decrease accordingly.

At the highest scale you will see a thumbnail for every 5 seconds of recording. It is useful when you are searching for a short incident caught on video.

On the other hand, at the lowest scale thumbnails will shrink to one day per thumbnail.

Now, if you click on the playback window you will see a panel with additional controls and a shadowed stripe with info at the top of the playback view.



The Playback control panel has the following buttons:



Calendar

Allows you to set playback precisely. When you push it, the button will change its icon to  and you will see the following window:



In this window you can define the date and time of the recording you would like to see.

When your time and date are selected, you can push the  button and the recordings from the defined period of time will start to play.

If you just click on the  button without defining a time period, playback will start from the first recording made by the current camera.



Snapshot

Makes a snapshot of the current playback frame. The "Save as" window opens and allows you to save your snapshot on the storage drive in **jpg** format.

Frame back

Shows you one frame *before* the current frame. Allows you to watch frames step-by-step in *reverse* direction. If you had clicked this button during playback of a recording, playback would have stopped and Fast-Touch Video Browser would have displayed you one frame before the one present at the moment you clicked.



Pause/Play

Allows you to pause the current playback or to continue if the playback was paused.



Frame forward

Shows you one frame *after* the current frame. Allows you to watch frames step-by-step in *forward* direction. If you had clicked this button during playback of a recording, playback would have stopped and Fast-Touch Video Browser would have displayed you one frame after the one present at the moment you clicked.



Smart Search.

Opens the Smart Search function.

5.7. Smart Search



This function allows you to make a search in the recorded videos according to a user-defined search mask. It means that you can search for videos containing activity that only takes place in the selected areas.

When you click on the **Smart Search** button, you will see additional buttons in the playback controls panel.



Close Smart Search

Closes the Smart Search function and returns the view to normal playback mode.

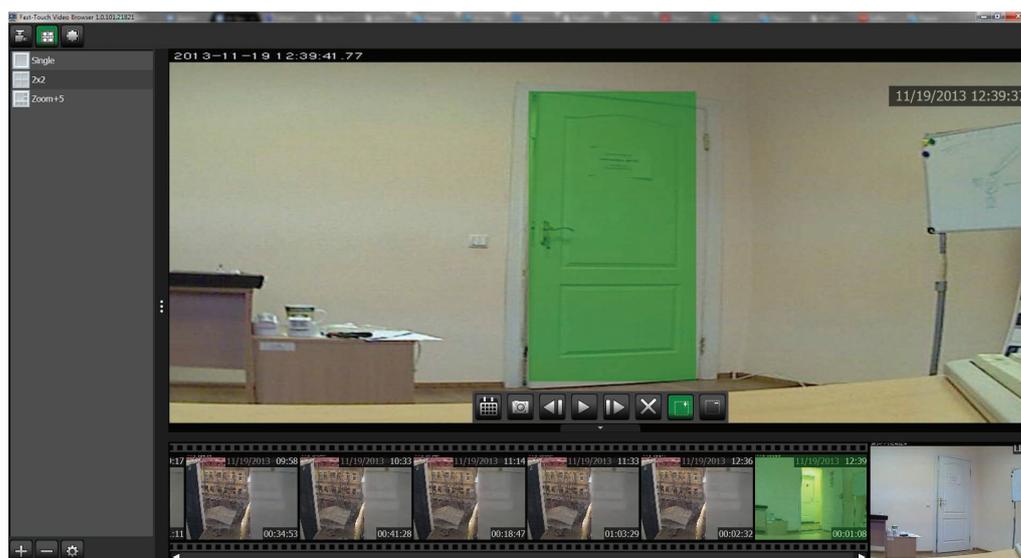


Add area to search

Allows you to define the area with activity you want to search for. This button is enabled by default.

The image below demonstrates an example of using **Smart Search**.

You have a camera that shows you a room with a door. If you want to search recordings containing only activity related with the door (door opening\closing, someone entering the room, etc) you have to select the area with the door using your mouse. The selected area will be marked green.



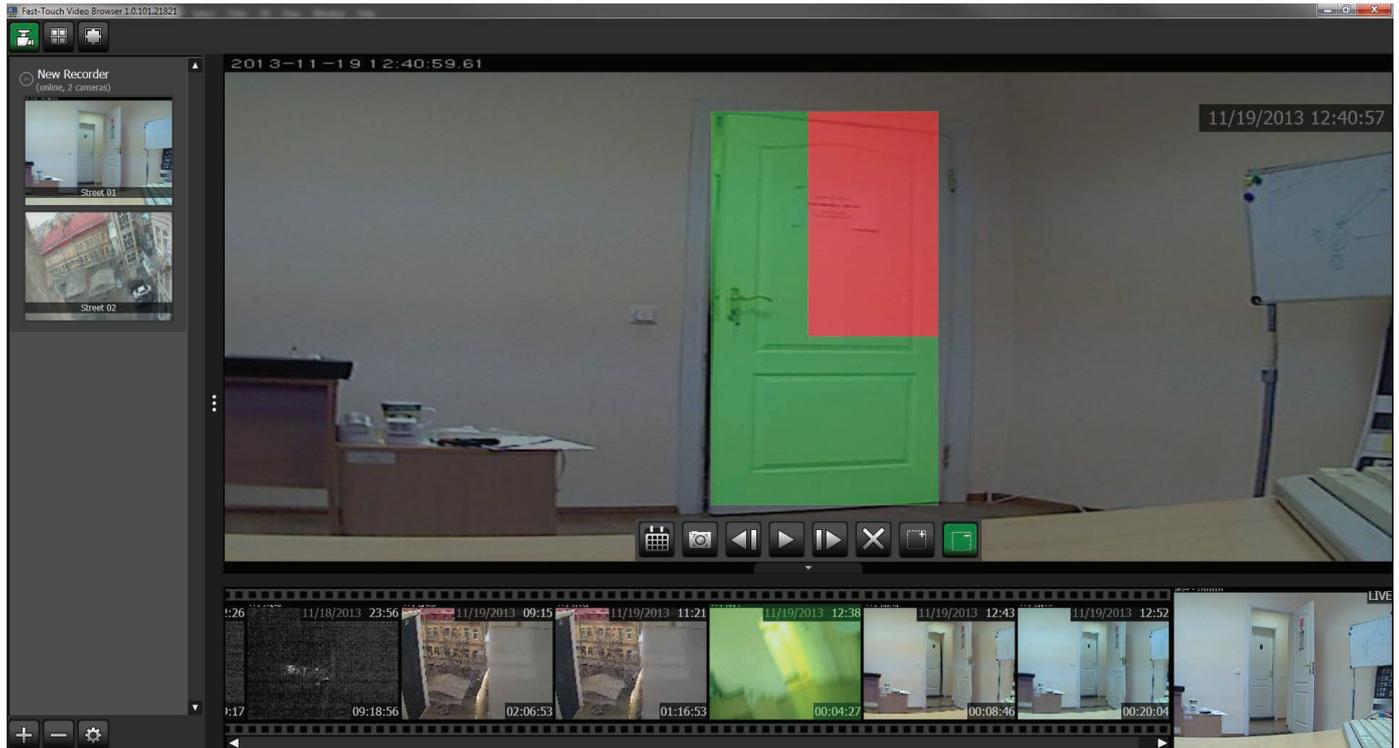
When you have selected the area you need, click on the  button and smart search will show in the timeline only videos containing activity in the selected areas.



Exclude area from search.

Allows you to exclude an area from the **Smart Search** selection.

If you want to decrease an area you have selected before you can use this option. Click on the  button and mark the area you want to exclude (it will be marked in red). When done, press  and **Smart Search** will search videos according to the updated criteria.



If you want to disable the **Smart Search** function and return to normal video playback with all recordings in the **Timeline**, just unmark all selections using the  button and press .



<http://www.quadrox.com>