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Milestone Systems

XProtect® Input Unit Plug-in 2020 R3 for Axis T8310
Controller

Getting started guide

XProtect Smart Client

milestone

Contents

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Introduction

This document describes how to install the XProtect Input Unit Plug-in for the Axis T8310 Video Surveillance Control Board in XProtect Smart Client. This document assumes that you know how to operate the Axis T8310 Video Surveillance Control Board - in the rest of this document referred to as "Axis T8310".

A full description of the Axis T8310 is available in a document titled *ug_T81series_38417_en_1002.pdf,* which installs on your computer when you install the XProtect Input Unit Plug-in.

Axis T8310 and XProtect Smart Client

The Axis T8310 lets you view and control cameras and video recorders at local and remote facilities.

The XProtect Input Unit Plug-in for the Axis T8310 lets you use an Axis T8310 to perform tasks in XProtect Smart Client.

There is no one-to-one mapping of Axis T8310 functions to XProtect Smart Client functions and vice versa. Some Axis T8310 functionality is not applicable for XProtect Smart Client, and XProtect Smart Client contains functionality not implemented in Axis T8310.

Install Axis T8310

Axis T8310 consists of a joystick, a keypad, and a jog dial. You can install these separately, or as one unit. The units are powered through the USB connection.

To install Axis T8310, connect Axis T8310 to the USB port on your PC.

Install the XProtect Input Unit Plug-in

You must have XProtect Smart Client version 2016 or later installed. The XProtect Input Unit Plug-in does not support previous versions.

The XProtect Input Unit Plug-in for Axis T8310 comes with an installer. To install the plugin, do the following:

1. To download the installer for the XProtect Input Unit Plug-in, go to
   https://www.milestonesys.com/downloads/ and download the appropriate installer for your computer.

2. Double-click **Milestone_AxisT8310_Plugin_Installer.msi** to start the installation.
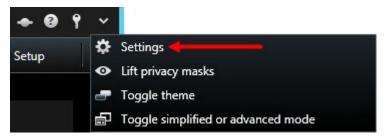

3. To install the XProtect Input Unit Plug-in, accept the terms of the license agreement and then click **Install**.

4. When the installation is complete, click **Finish**.
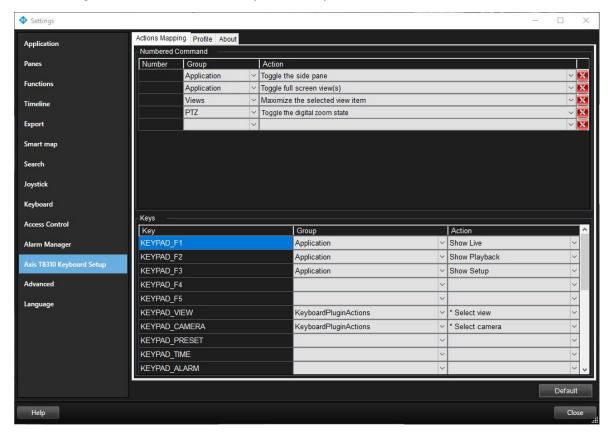
Configure XProtect Input Unit Plug-in

To configure the XProtect Input Unit Plug-in in XProtect Smart Client, follow these steps:

1. Start XProtect Smart Client, and then click **Settings** in the upper right corner.

2. In the **Settings** window, click **Axis T8310 Keyboard Setup**.
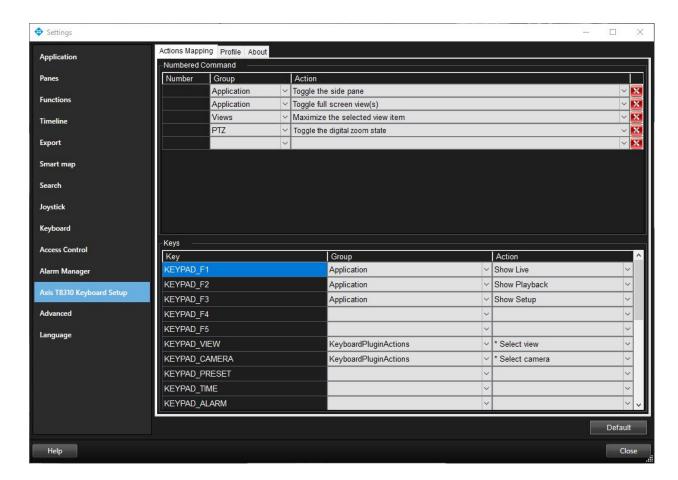

Configurable actions

The XProtect Input Unit Plug-in lets you map keys on the Axis T8310 to actions, or tasks, in XProtect Smart Client. You can map actions to numbers, or to specific keys such as **ALT** or **9**.

For example, you might want to select a specific camera when you press the **ALT** key, or switch to a different view when you press the number **9**.

Configure combinations of numbers or keys and actions on the **Actions Mapping** tab.

The tab contains two groups. Map actions in each group as follows:

- **Numbered Command** - map actions to numbers

- **Keys** - map actions to specific keys on the keyboard

For each number or key:

- In the **Group** list, specify where to apply the action. For example, if you select Views you can select an action that is useful when you need to do something in a view. This might be when you want to go to the next view

- In the **Action** list, select the outcome of the action. The actions that are available differ, depending on the Group you selected
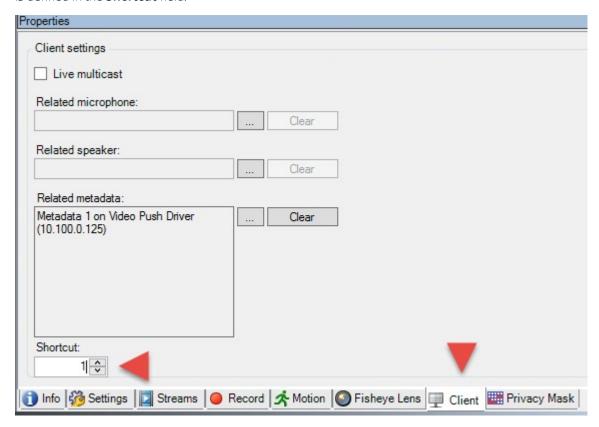
You can map both a number and a key to the same action.

After you map keys or buttons to actions, you can use them in XProtect Smart Client.

- Numbered commands - enter the number and then press **ALT** on the Axis T8310

- Keys – press the key on the Axis T8310

Example – use a shortcut key to view video from a camera

You can quickly view video from a camera by mapping the camera's shortcut key to the **Select Camera** action.

1. In XProtect Management Client, select the camera, click the **Client** tab, and then make sure that a shortcut is defined in the **Shortcut** field.

2. In XProtect Smart Client, in the **Settings** window, select a key. Then, in the **Group** list, select **KeyboardPluginActions**. In the **Action** list, click **Select camera**.

   By default, this action uses the **KEYPAD_CAMERA** key.

3. To apply the action, enter the camera's shortcut number followed by **KEYPAD_CAMERA**.

Example – use a shortcut key to start recording

When you are viewing live footage from a camera, you can use a shortcut number or a specific key to start recording.
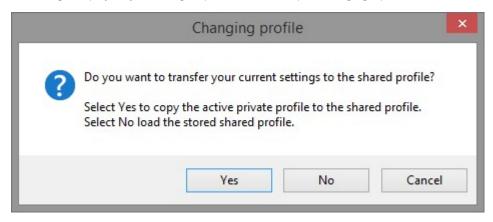
1. To create an action that starts recording, do one of the following:
   - In the **Numbered Command** group, in the **Number** field, enter a number
   - In the **Keys** group, select a key

2. In the **Group** list, select **Camera**.

3. In the **Action** list, select **Start recording on selected camera**.

4. To apply the action, select the view that contains the camera, and then enter the action's number followed by **ALT**.

Profile settings

The current setting is stored privately on the server, but you can transfer it to the shared profile. The settings then apply to everyone who uses this profile.
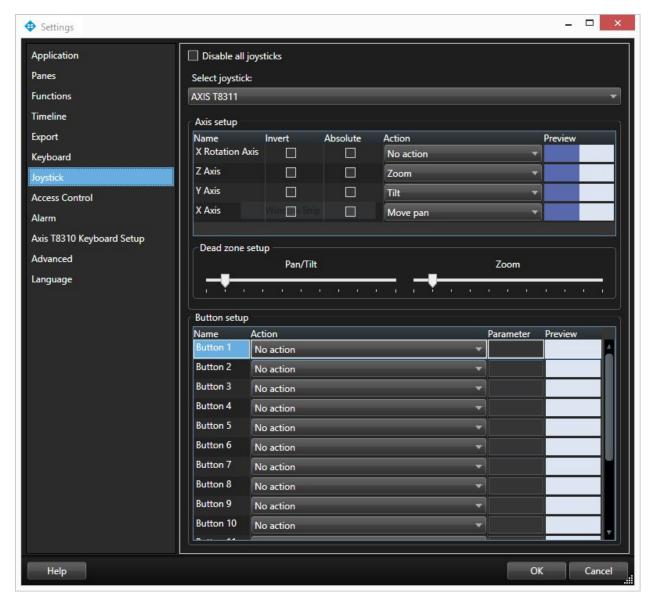

A message displays if you change a profile. For example, changing a profile from **Private** to **Shared**.

Device settings

Joystick settings

To set up the joystick, use the options for **Joystick** in XProtect Smart Client.

For more information, press **F1** and then search for **Joystick options**.

Default settings for devices and action mappings

You can restore the default settings for a profile by clicking the **Default**. This restores default settings for devices and action mappings.

The following image shows the default action mappings.

Key	Group	Action
KEYPAD_F1	Application ˅	Show Live ˅
KEYPAD_F2	Application ˅	Show Playback ˅
KEYPAD_F3	Application ˅	Show Setup ˅
KEYPAD_F4	˅	˅
KEYPAD_F5	˅	˅
KEYPAD_VIEW	KeyboardPluginActions ˅	* Select view ˅
KEYPAD_CAMERA	KeyboardPluginActions ˅	* Select camera ˅
KEYPAD_PRESET	˅	˅
KEYPAD_TIME	˅	˅
KEYPAD_ALARM	˅	˅
KEYPAD_TAB	˅	˅
KEYPAD_ALT	KeyboardPluginActions ˅	* Generic command number ˅
JOGDIAL_L	˅	˅
JOGDIAL_BOOKMARK	˅	˅
JOGDIAL_PREVIOUS	Views ˅	Move view item selection down ˅
JOGDIAL_PLAY_PAUSE	KeyboardPluginActions ˅	* Play/Pause ˅
JOGDIAL_NEXT	Views ˅	Move view item selection up ˅
JOGDIAL_R	˅	˅
JOGDIAL_SHUTTLE_FORWARD	KeyboardPluginActions ˅	* Playback forward ˅
JOGDIAL_SHUTTLE_REVERSE	KeyboardPluginActions ˅	* Playback reverse ˅
JOGDIAL_SHUTTLE_STOP	KeyboardPluginActions ˅	* Play/Pause ˅
JOGDIAL_JOG_PLUS	Time navigation ˅	Next image ˅
JOGDIAL_JOG_MINUS	Time navigation ˅	Previous image ˅

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