



# TrueConf Weathervane 3.0

## User Guide



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## TrueConf Weathervane Overview

TrueConf Weathervane allows tracking and switching between different cameras during video conference to ensure that the speaker is captured using a corresponding camera.

TrueConf Weathervane is intended for use during video conferences and can only be used in bundle with [TrueConf Terminal](#).

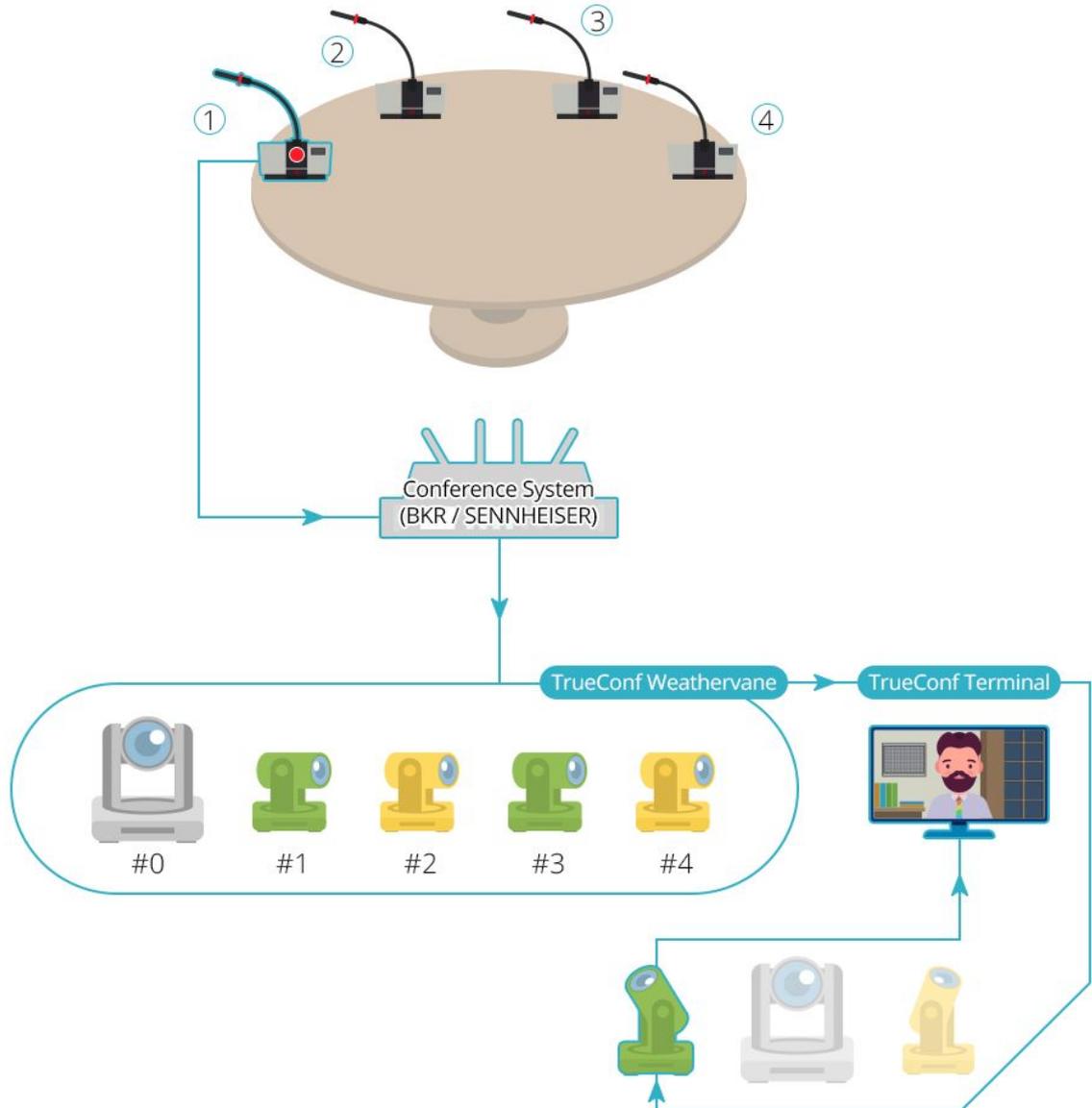
TrueConf Weathervane 3.0 can be connected to one of the following conference systems:

- BKR;
- SENNHEISER ADN;
- Beyerdynamic ORBIS;
- Beyerdynamic QUINTA;
- SHURE.

In this case, the application will switch the cameras by tracking microphone status in the conference system.

Learn more about setting up SENNHEISER ADN conference system in the [user's guide on our website](#).

# How TrueConf Weathervane Works



## How to Use TrueConf Weathervane

- Presetting. Indicate a conference system to be used. General settings. Connect to other system elements.
- Configuring presets. Select and adjust camera positions corresponding to different microphones (consoles).
- Auto tracking mode. Enable the application's general mode.

### Presetting

In the main program window, select Tools > Settings. The settings window will open.

The screenshot shows the 'Configuration' dialog box with the following fields and options:

- Main settings:** Presets quantity: 10
- Authorization in Terminal:** Password: [masked], Confirm password: [masked], Check button
- Conference system:** Radio buttons for BKR (selected), Sennheiser ADN, Beyerdynamic ORBIS, Beyerdynamic QUINTA, SHURE
- BKR Settings:** Serial Port: -- (Use Pelco-D protocol)

Buttons: Save, Cancel

Enter field values:

- **Presets quantity:** Number of different camera positions that you want to save for use. This number should be equal to the number of microphones in use + 1 (one preset is assigned for the case when no microphones are on, e.g. to capture the general view);
- **Password and Confirm password:** Password for authorization on TrueConf Terminal when logged in as **admin**;
- **Conference system:** Select your conference system model;
- The final field should be filled out depending on the type of conference system selected: either IP address or the conference system's access port)

Conference system

BKR  
 Sennheiser ADN

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BKR Settings

Serial Port  (Use Pelco-D protocol)

Conference system

BKR  
 Sennheiser ADN

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SENNHEISER Settings

IP address

## Table of Presets

This table contains a list of activated cameras (video sources) and their positions (presets). Buttons to manage presets.

The screenshot shows the TrueConf Weathervane application window. At the top, there is a menu bar with 'File', 'Edit', 'View', 'Tools', and 'Help'. Below the menu bar, there is a 'Start' button and a checkbox for 'Tracking presets'. A banner for 'Get TrueConf Server Free' is visible on the right. The main content area contains a table with the following data:

Preset	Camera	PTZ Control	Pan	Tilt	Zoom
#0	Lenovo EasyCamera	Usb	0	0	0
#1	Full HD PTZ Camera	Usb	0	0	100
#2	PTZ 4K Camera	Usb	0	0	50
#3	--	-	0	0	0
#4	--	-	0	0	0
#5	--	-	0	0	0

At the bottom of the table, there is a 'Start preset mode' button.

The table contains the following fields:

- **Preset:** Preset number;
- **Camera:** Video device (video camera or video capture device);
- **PTZ Control:** PTZ camera connection method;
- **Pan, Tilt, Zoom:** Camera direction and zoom parameters.

Preset #0 is activated when all the microphones of conference participants are off. The remaining presets are assigned to the microphones of a conference system with their corresponding numbers.

When entering, it is possible to use not only the mouse, but also the keyboard to switch between fields:

- **Ctrl + Down, Ctrl + Up:** Switch between presets;
- **Tab, Shift + Tab:** Switch between the fields of a single preset;
- **Down, Up, Enter:** Select a value from the list.

## Camera Position Setting

### *Manual Setting*

For manual setting, select the preset in the menu (click anywhere in the row), select the camera and the connection method, set the camera to the desired position (video and camera control buttons will be displayed in TrueConf Terminal) and click Current. Do that for each preset.

Preset	Camera	PTZ Control	Pan	Tilt	Zoom	
#0	Logi Group Camera	Usb	0	0	114	Current

## «**Start preset mode**» **Setting**

Start preset mode button allows you to automate preset installation.

Follow these steps to use it:

1. In the settings, select the required number of camera positions (number of microphones + 1);
2. Select the cameras corresponding to each microphone (remember that microphones are numbered from one, and preset #0 is designed for the case when all microphones are off)
3. Launch TrueConf Terminal;
4. Click **Start preset mode** and wait for the program to establish a connection to the conference system.
5. Activate the first microphone. TrueConf Weathervane will subsequently select the row corresponding to this microphone in the table.
6. If a PTZ camera is assigned to this microphone, direct it towards the corresponding participant;
7. Turn off the microphone (remote control). The camera configuration data will be saved automatically for this microphone.
8. Repeat steps 5, 6 and 7 for each microphone.
9. After setting all the presets, click **Stop preset mode**.

## Getting Started

1. Launch TrueConf Weathervane

\* When using PTZ cameras controlled over VISCA protocol, it is essential that TrueConf Weathervane is launched prior to TrueConf Terminal.

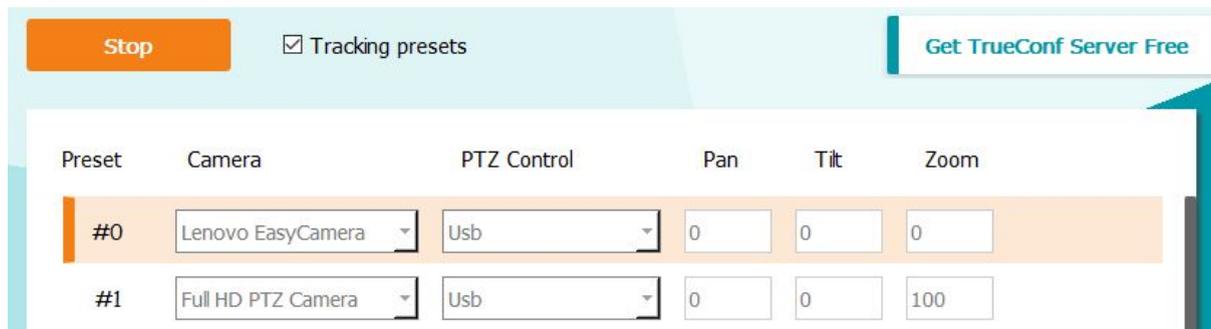
2. Launch TrueConf Terminal

3. Click **Start**

When activating any of the microphones, TrueConf Terminal switches to displaying video from a corresponding camera, and the cameras move according to the *preset* position.

When you click on a preset, TrueConf Terminal also switches to the video from corresponding camera.

Check **Tracking preset** box if you want to see current active preset.



The screenshot shows the TrueConf Weathervane interface. At the top, there is an orange "Stop" button, a checked "Tracking presets" checkbox, and a "Get TrueConf Server Free" button. Below this is a table with columns for Preset, Camera, PTZ Control, Pan, Tilt, and Zoom.

Preset	Camera	PTZ Control	Pan	Tilt	Zoom
#0	Lenovo EasyCamera	Usb	0	0	0
#1	Full HD PTZ Camera	Usb	0	0	100