COMPASS
CONTROL®

PROFESSIONAL

KD-CAMUSB
Module Setup Guide (V.1.0)

Key digital®

About:

KD-CAMUSB is a PTZ USB Camera with pan, tilt, and 10x zoom functionality ideal for use in Huddle Spaces, Conference Rooms, Board Rooms, Lecture Halls, and more. It is RS-232 and VISCA controllable for integration with major control systems and camera control consoles.

Setup Communication:

This module supports to control KD-CAMUSB via RS232 with baud rate 9600 bps.

Setup Variables:

In the module editing page, please insert the camera ID and set names of camera positions. For more details, please see Appendix 1.

- Variable names for a user to enter values.
  - **KD_CAMUSB_ID:**
    KD-CAMUSB ID is assigned by the dip switch at the bottom of the camera.
    The default ID is set to "1".
  - **KD_CAMUSB_Position:**
    Array of camera position for presets.
    Up to 9 positions available.
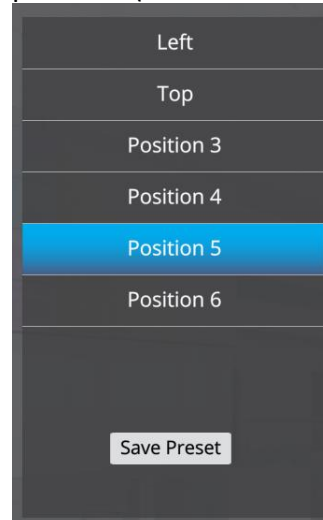
Setup Complete:

Upload and update the project for use.

Compass Control® Pro Offers:

One-way Control:
- Camera movement
  - Up/Down/Left/Right
  - Zoom In/Out
  - Focus Far/Near/Auto

- Preset desired positions
  - Store & recall up to 9 presets

- Set names
  - Camera ID
  - Camera position
    (Please see Appendix 1.)

How to Use Preset:

- **To store presets**
1. Move camera to the desired position.
2. Press "Save Preset" button.
3. Select one of list of presets to save the position. (Position list can be scrolled up).
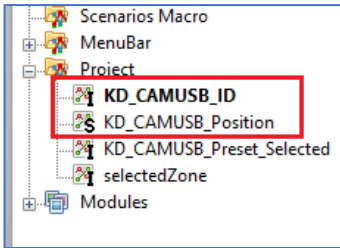

- **To recall presets**
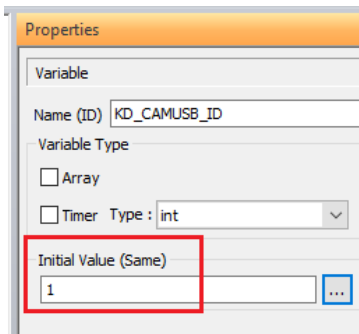1. Select the position from the list you want to recall.

Appendix 1.

[Set camera ID]
1. In Compass Navigator, go to the editing page of the KD-CAMUSB module.
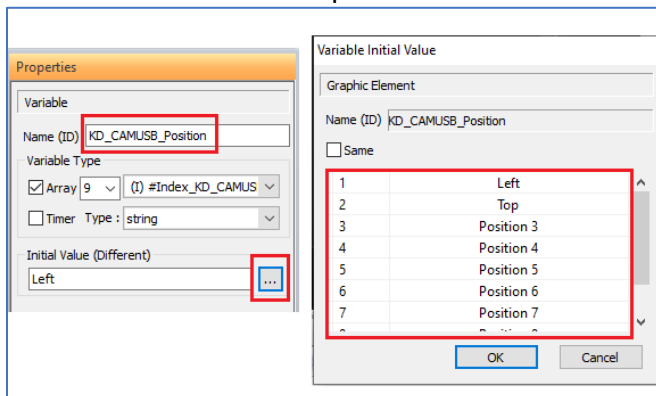2. Select the variables tab. Then, click "KD_CAMUSB_ID" variable under Project folder.

3. Go to properties on the right side of Compass Navigator. The default initial value is "1". The value is the camera ID.
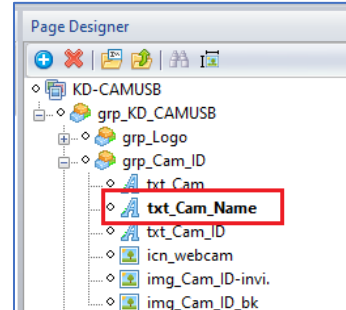

[Set names of camera positions]
1. Select the variables tab.
   Then, click " KD_CAMUSB_Position" variable under Project folder.
2. Go to properties on the right side of Compass Navigator. Enter the desired names of camera positions.

[Set name of camera]
1. Click "txt_Cam_Name" variable in the Page Designer.

2. Go to properties on the right side of Compass Navigator. Enter the desired name of camera in the text box (marked in red).