BZBGEAR

BG-BSHA

Crestron Driver User Guide

V1.0

Introduction

This driver has been designed to provide control of the BZBGEAR BG-BSHA via UDP/IP.

Installation

You need to copy all the files in the folder to your project directory to support Simpl Windows to recognize the driver module.

> ➢ For the UDP/IP Client link use the following settings :

Ip：The IP you set for the product.

Port：the factory default Port is 52381

Saving a preset is a three step process:

1.Move the camera to the desired position

2.Press Save (the Save_Fb will go high)

3.Press the preset you wish to save the location to.

To recall a preset, just press the preset number.

Inputs

The module has the following commands available as input :

Name	Type	Explanation
Tilt_Up/Down	D	Press and hold to tilt the camera.
Pan_Left/Right	D	Press and hold to pan the camera.
UpLeft/UpRight DownLeft/DownRight	D	Press and hold to pan and tilt the camera.
Zoom_In/Out	D	Press and hold to zoom the camera.
Focus_Near/Far	D	Press and hold to focus the camera. This will focus the camera if the camera is not in auto focus mode.
Auto_Focus On/Off/Toggle	D	Pulse to turn the auto focus function on and off.
Preset_*	D	Pulse to go to the preset. If pulsed when the Preset_Save_Fb output is high,this will store the current camera position in the selected preset.

Save	D	Pulse to put the module into save mode to allow storage of presets.
Home	D	Pulse to send the camera to the home position for pan and tilt.
Power ON/OFF	D	Pulse to turn the camera on and off.
Set Address	D	Pulse once to set the addresses for the camera swith the VISCA inputs daisy chained.
Address (1-7)	P	The address number for the camera this module will control. This corresponds to the camera select or switch on the back of the camera.
Pan Speed *	P	The desired speed for the pan function Select from the list. This is only used if the Enable_Proportional_Pan_Tilt input is held low.
Tilt Speed*	P	The desired speed for the tilt function Select from the list. This is only used if the Enable_Proportional_Pan_Tilt input is held low.
Zoom Speed *	P	The desired speed for the zoom function Select from the list.

Output

The module has the following commands that can be used as feedback output :

Preset_*_Fb	D	High to indicate the last preset selected.
Preset_Save_Fb	D	High to indicate that the module is in save mode. Pulsing one of the Preset inputs will store the current camera location to that preset.
To_Device$	S	Serial signal to be route to a 1 way serial com port.