

BZBGEAR

BG-MAESTRO

Crestron Driver User Guide

V1.0

Introduction

This driver has been designed to provide control of the BZBGear BG-MAESTRO 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 1259

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.
Teacher Tracking Start	D	Pulse to turn on the tracking mode
Teacher Tracking Stop	D	Pulse to turn off the tracking mode
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 :

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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