

**BZBGEAR**  
**BG-4K-VP99PRO**

Crestron Driver User Guide  
V1.0

## Introduction

This driver has been designed to provide control of the BZBGear BG-4K-VP99 PRO via TCP/IP.

## Installation

You need to copy all the files in the folder to your project directory to support Siml 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 5000

## Inputs

The module has the following commands available as input:

Name	Type	Explanation
Rx_Matrix	S	Product information feedback input
Output[X]	A	Input port X (range in 1~9) to select the video Outputsource: 0 -> Output 1    5 -> Output 6 1 -> Output 2    6 -> Output 7 2 -> Output 3    7 -> Output 8 3 -> Output 4    8 -> Output 9 4 -> Output 5
Clear_Preset_Mode	A	Send preset mode to clear the preset 0 ->Matrix_default 1 -> Matrix_Input_1 2 -> Matrix_Input_2 3 -> Matrix_Input_3 4 -> Matrix_Input_4 5 -> Matrix_Input_5 6 -> Matrix_Input_6 7 -> Matrix_Input_7 8 -> Matrix_Input_8 9 -> Matrix_Input_9 10 -> W-3X3 11 -> W 3X2 U 12 -> W 3X2 U 13 -> W 2X2 LU 14 -> W 2X2 RU 15 -> W 2X2 LD 16 -> W 2X2 RD 17 -> W 3X1 U 18 -> W 1X3 L 19 -> W 3X1 3X2 20 -> W 1X3 2X3 21 -> W 3X1 U 2X2 L

		22 -> W 1X3 L 2X2 U 23 -> W 3X1X3 24 -> W 1X3X3 25 -> W-1x3 2x1x3 26 -> W-1x2x3 3x1 27 -> Splicing 1 28 -> M-3x3 29 -> PIP 1 30 -> 2MAIN-6BELOW
Store_Preset_Mode	A	Send preset mode to save the preset 0->Matrix_default 1-> Matrix_Input_1 2-> Matrix_Input_2 3->Matrix_Input_3 4->Matrix_Input_4 5 ->Matrix_Input_5 6 -> Matrix_Input_6 7->Matrix_Input_7 8->Matrix_Input_8 9 -> Matrix_Input_9 10 -> W-3X3 11 -> W 3X2 U 12 -> W 3X2 U 13 -> W 2X2 LU 14 -> W 2X2 RU 15 -> W 2X2 LD 16 -> W 2X2 RD 17 -> W 3X1 U 18 -> W 1X3 L 19 -> W 3X1 3X2 20 -> W 1X3 2X3

		21 -> W 3X1 U 2X2 L 22->W 1X3 L 2X2 U 23->W 3X1X3 24->W 1X3X3 25-> W-1x3 2x1x3 26 -> W-1x2x3 3x1 27 -> Splicing 1 28 -> M-3x3 29 -> PIP 1 30 -> 2MAIN-6BELOW
Recall_Preset_Mode	A	Send preset mode to recall the preset 0->Matrix_default 1-> Matrix_Input_1 2-> Matrix_Input_2 3->Matrix_Input_3 4->Matrix_Input_4 5 ->Matrix_Input_5 6 -> Matrix_Input_6 7->Matrix_Input_7 8->Matrix_Input_8 9 -> Matrix_Input_9 10 -> W-3X3 11 -> W 3X2 U 12 -> W 3X2 U 13 -> W 2X2 LU 14 -> W 2X2 RU 15 -> W 2X2 LD 16 -> W 2X2 RD 17 -> W 3X1 U 18 -> W 1X3 L 19 -> W 3X1 3X2 20 -> W 1X3 2X3

		21 -> W 3X1 U 2X2 L 22->W 1X3 L 2X2 U 23->W 3X1X3 24->W 1X3X3 25-> W-1x3 2x1x3 26 -> W-1x2x3 3x1 27 -> Splicing 1 28 -> M-3x3 29 -> PIP 1 30 -> 2MAIN-6BELOW
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## Output

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

Tx_Matrix	S	Serial signal to be route
Input_X_to_Output_X_FB	D	High to indicate Input X routed to Output X