



CONTROLLER INSTRUCTIONS

I. Operating the controller:

- a. Locate power supply and plug it into the controller
 - i. The power supply supplied is a 12VDC 1A power supply, DO NOT plug a power supply over 12VDC into this socket
- b. Plug power supply into power outlet
- c. Plug camera RS232 into 9 pin serial port (Standard pin configuration)
- d. Wait 5 seconds – Begin pushing desired buttons on keypad
- e. **Camera needs to be set at 9600 Baud rate**

II. Using the functions:

- a. YELLOW LABELED FUNCTIONS:
 - i. Functions written in yellow require pushing of the buttons labeled 2ND first before use. You must use the 2ND button before each use of the yellow labeled function.
- b. SWITCHING VIDEO MODES
 - i. To use the video mode switching (the bottom row or yellow functions labeled 1080i, 720p, NTSC) – Select 2ND and the desired video mode, then power off the connected camera (by physically disconnecting the camera from its power supply).
 - ii. Plug camera back in and video mode will have changed
- c. CHANGING ZOOM SPEED (**Always set zoom speed before setting presets**)
 - i. By default, the controller will zoom at the fastest rate possible. If you find that you need a slower zoom, you can change the zoom speed by pressing and holding the 2nd button for 12 seconds then selecting Pre1 for the slowest speed, Pre 2 for a little faster speed etc...(all the way through 5 which is the fastest speed).
- d. FOCUS FUNCTION
 - i. Cameras from the factory, by default, have auto focus enabled to use the Focus Far and Focus Near options – one must press the Focus Auto/Man button. Once this button is pushed, manual focus will be enabled allowing continued use of the Focus Far and Near buttons until the Focus Auto/Man button is pushed once more.
- e. IRIS FUNCTION
 - i. Cameras from the factory, by default, have Auto Iris is enabled to manually open and close the iris. Press the AE Auto/Man button prior to using these buttons.
- f. X1 and Y1 / X2 and Y2
 - i. These are functions that you can have pre-programmed by Aegis. If you would like a different function than the default function, please contact your Aegis sales representative. By default, the functions are:
 1. X1 = gain down, X2 = gain up (only available in Manual AE mode – See Iris functions for enabling Manual AE mode)
 2. Y1 = bright up, Y2 = bright down (only available in Auto AE mode)
- g. SETTING and RECALLING PRESETS
 - i. You can set up to 5 Presets
 1. A Preset is specific Zoom, Focus, and ICR functions that can be recalled by accessing the Preset.
 2. To set a Preset, line up the shot you want, then press 2nd –Set Preset then 2nd-Pre1 etc. (This will save the Preset, regardless if the power is cut to the camera or controller.
 - ii. To recall the Preset, simply press 2nd-Pre1 and the camera will go back to that exact shot
 - iii. To overwrite the Preset, set-up a new shot and repeat step 1
 - iv. To delete a Preset and return back to factory settings, press 2nd, then reset, then 2nd, then Pre1, etc.