


FINISHED RESULTS

# Instructions to Connect Eagle Eye Software to the Finished Results LED Display Board via Ethernet cable

## 1. Connect the Board & Obtain Board's IP Address

Locate the included wireless keypad and antenna.
Attach antenna to the board.
Power on the wireless keypad via switch on the back.



1. ➔ **CONNECT Ethernet cable** from display board to your timing computer using one of the following:
   a. PoE switch (recommended)
   b. Direct to the computer's built in Ethernet port or
   c. Ethernet to USB adapter (that connects to the computer via a USB port).

2. ➔ **POWER ON DISPLAY BOARD** by plugging into a power outlet **ONLY** after connecting Ethernet cable to both the board and computer.

3. ➔ **OBTAIN** the display's **IP Address** after the board counts down from five. The display board's IP Address should read 192.168.0.51.

Note: If 192.168.0.52 is displayed on the board when powered on, that is a Wi-Fi I.P. Address. Power off the display, make sure Ethernet Cable is plugged into the board and computer before powering on.




4. ➔ **SELECT** the board's **Lynx Mode** using the included wireless keypad. Use the plus and minus keys on the wireless keyboard (+ or –) to select mode.

**Mode Options:** Lynx, Lap Counter, Clock Up, Clock Down, Clock Down Auto

### Wi-Fi Connectivity

*The Finished Results LED Display boards can connect over a Wi-Fi Network. Please contact Finished Results for instructions:*
*http://finishedresults.com/company/contact*

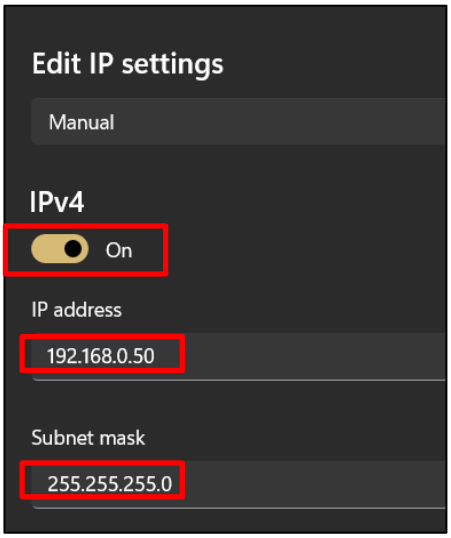
# Finished Results Board

Versions 5.XX

## 2. Change the IP Address of the Eagle Eye Computer

1. ➔ **CHANGE IP ADDRESS** to **STATIC** by following these steps.

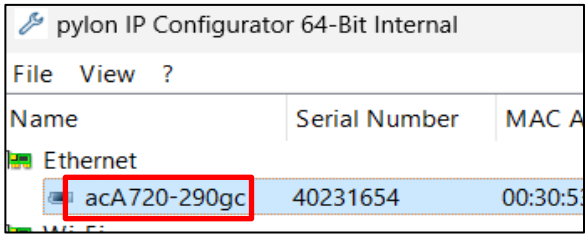
   a. Search or locate **Settings** and navigate as follows:
   b. SELECT Networks and Internet
   c. SELECT Ethernet
   d. IP Assignment > Edit > Manual
   e. Turn IPv4 **ON** and enter the following

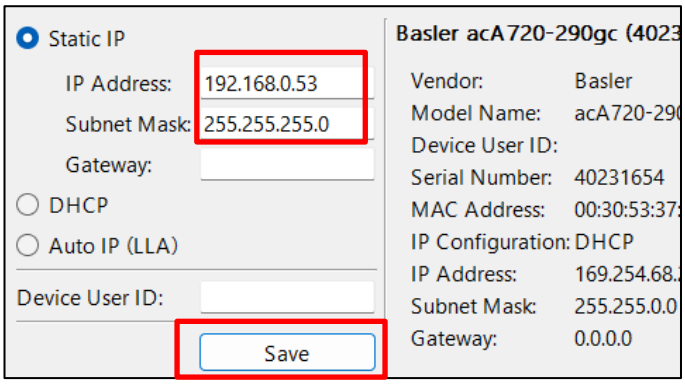



2. ➔ **CLICK STATIC IP**
   a. **ENTER IP Address:** 192.168.0.50
   b. **ENTER Subnet mask:** 255.255.255.0
   e. **CLICK SAVE**

## 3. Change the IP Address of the Eagle Eye Camera

1. ➔ **LOCATE Pylon IP Configurator** software on your computer. Perform search if needed. Once OPEN – SELECT Camera (example: acA720-290gc).




2. ➔ **CLICK STATICE IP**
   c. **ENTER IP Address:** 192.168.0.53
   d. **ENTER Subnet mask:** 255.255.255.0
   e. **CLICK SAVE**

**Example of a 1 Camera Eagle Eye Timing System Setup with Finished Results Display Board with all equipment IP Address settings set to a Static IP Address.**

1. ➔ **FR LED Display Board IP Address** Displayed on board when plugged into power: 192.168.0.51.
2. ➔ **Computer IP Address set to: 192.168.0.50**
3. ➔ **Camera 1 IP Address set to: 192.168.0.53** (Note: if more than 1 cam, set others to .54, .55, etc.)
4. ➔ **Finished Results Module in Eagle Eye Race Results Tab IP Addresses (Results & Running Time) both set to:** 192.168.0.51

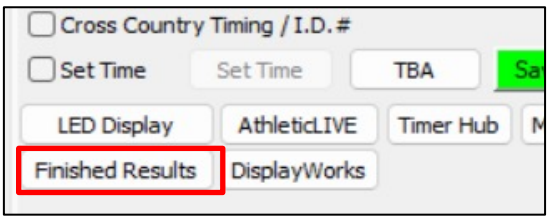
*Note: The first 3 sets of numbers (192.168.0) in an IP Address can be anything but must be the same from device to device. The last set of digits (xxx) in an IP Address 192.168.0.xxx can be 1, 2, or 3 digits and must be different from device to device. The Subnet Mask **must match** from device to device.*

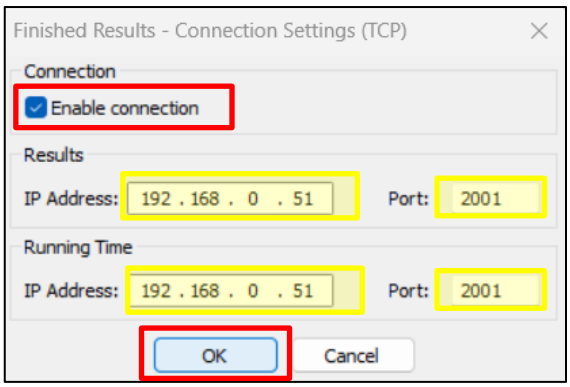
# Finished Results Board

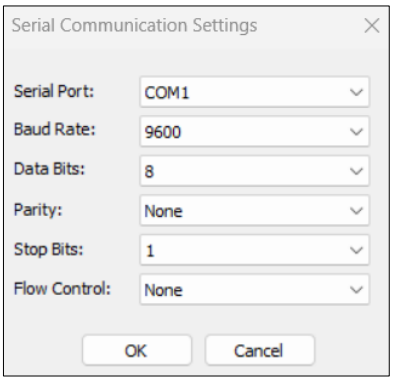
Versions 5.XX

## 4. Enable Software to Board Connection Inside Eagle Eye Software

1. ➔ GO TO **Finished Results Module**
   (within the Results Tab inside Eagle Eye software).
   a. **ENTER IP Address: 192.168.0.51** for both running time and results. This IP Address must match that of what was displayed on the board upon start up.
   b. **SET both PORTS** to 2001
   c. **CHECK** Enabled Connection in upper left



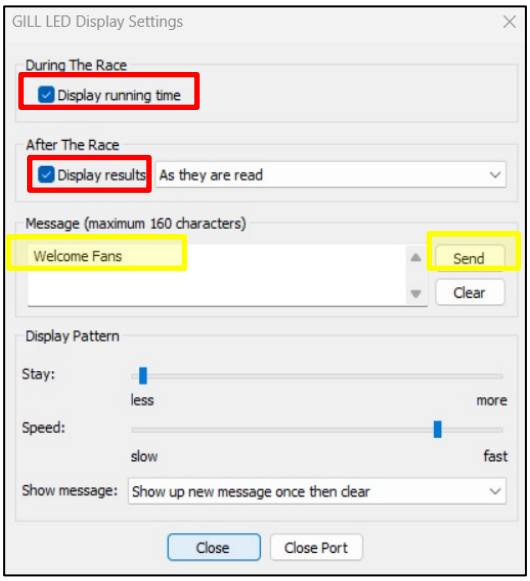




NOTE: The box on the left will pop up looking for a serial connection if the Finished Results box (shown above) has not been enabled.

2. ➔ GO TO **LED Display Module**
   (within the Race Results Tab)

   **Choose Display Options Accordingly**. This is where you set scrolling speed, when results appear and send text to the board.




**IMPORTANT: The Board Connection Needs Attention**

Upon opening the software each time, the **operator MUST Enable Connection** again to resume the board connection. This assures the board's TCP connection does not interrupt other software functions upon reopening. **Note:** Upon Enable Connection/ OK, the live image from the camera will "freeze" until the board and software have established a connection. This may take about 30 seconds depending on your computer. LET THIS PROCESS FINISH BEFORE MOVING ON TO OTHER ITEMS OR CLICKING ELSEHWERE!