

Made for: 2011 Season
Edited for: 2012 Season

Re-Imaging the cRIO

NOTES:

- For cRIO-FRC I
- When the DIP switch is depressed on the off side, then the setting is said to be off
- Ensure Utilities Update provided is installed
- Check the modes of the cRIO
- This guide uses Team 0539 as an example, just replace anywhere that says “05.39” with “00.00” (being your team number)
- Word of advice: although it may not matter, ALWAYS enter 05.39 instead of just 5.39 (if team number happens to be 3 significant figures); keep it consistent

Computer Settings

1. Unplug Ethernet cable
2. Disable wireless connections
3. Open properties for Local Area Connection (wired)
4. Set up the computer IP to be 10.xx.yy.6 (10.05.39.6)
5. Set the Subnet mask to default (255.0.0.0)
6. Save and Exit

cRIO Settings

1. Turn the robot off (if not already off)
2. Change Safe Mode to off (see note)

cRIO Imaging Tool Setup

1. Plug in Ethernet cable
2. Open the program
3. (check the cRIO current configurations shown at the top)
4. Select, Run deployed code at startup
5. Select format
6. Select 2011 image
7. Insert 0539 into team ID and IP
8. Select start/run

Should work (if not then Next...)

1. (never encountered this while following the guide exactly)
2. I suggest attempting this again
3. If failure is persistent, contact local Team or NI or post on Forums