Setting up the Projector Tracking system:

1. Download “DLPLCR1200 GUI-3.0.1-windows-installer” and “10patterns\_Version2.ini” file from the Lab Google Drive folder “Google Drive\Swarm Bots\Projector Tracking System”

https://drive.google.com/file/d/0B71rTZlewrOYZzlRaE1jN3dwak0/view?usp=sharing

1. Extract the zip file and run the installer.
2. Complete installation as directed.
3. Go to “C:\Texas Instruments-DLP\DLPLCR4500GUI-3.0.1”
4. Move “10patterns\_Version2.ini” file into current folder.
5. Launch “LightCrafter4500.exe”.
6. Turn on the projector and connect it to the computer via USB.
7. Make sure in the “System Control” box that the status is green and connected.
8. Click “Apply Solution” and locate the “10patterns\_Version2.ini” file.
9. Check you are in “Pattern Sequence”, “Sequence Settings” tab and click “Send” button.
10. This should you to “Pattern Sequence”, “Pattern Sequence Start/Stop/Pause” tab.
11. Click “Validate Sequence” button.
12. When validated, click “Play” button to start projecting the pattern.