
Read the Docs Template Documentation

Release 1.0

Read the Docs

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Official Website of IDRL: droneracingindia.com

This site provides the official documentation and learning resources for everything related to drone racing and the Indian Drone Racing League. This will also include the official rules, competition formats and other details of IDRL.

The IDRL 101 is meant to be a comprehensive reference for beginner as well as experienced pilots that covers the basics of drone racing and the technology behind it.

Contents:

Learning Resources

1.1 What is Drone Racing?

Drone racing has been a growing hobby over the past few years where pilots race drones against each other. It is termed as the “sport of the future”

1.2 How to Build a Racing Drone

IDRL Rules

Official IDRL Rules for IIT Gandhinagar Event Live Doc at: <https://docs.google.com/document/d/1117-ey3qv2HuJaISfF2Q4Qn8wuOgyucwpkXpQ1KKD7w/edit>

- Pilots must show Failsafe and Disarm Working at Registration Desk
- Pilots must carry digital or hard-copy of the front and back sides of their IDRL Pilot Cards
- Drone Specs:
 - 180mm to 260 mm motor to motor frame size diagonally
 - Upto 6 inch prop allowed. No. of blades per prop is not restricted.
 - Any material
 - No Weight Limit
 - Vtx Rating = 200mW 5.8 Ghz for FPV (is the max output power for the VTX)
 - 4S Max Battery Pack
- Course dimension
- Race Formats
- Frequency Assignments
- Will the race organisers provide the VTX? Or do the pilots get one themselves..
- One of the biggest problems will be if anyone intentionally and accidentally turns on their TX when someone on the same frequency is racing.. Such a situation needs to be contained under any circumstance..
- Judging Rules

Indices and tables

- `genindex`
- `modindex`
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