

Track 2: Clean Energy AI-Robo Challenge

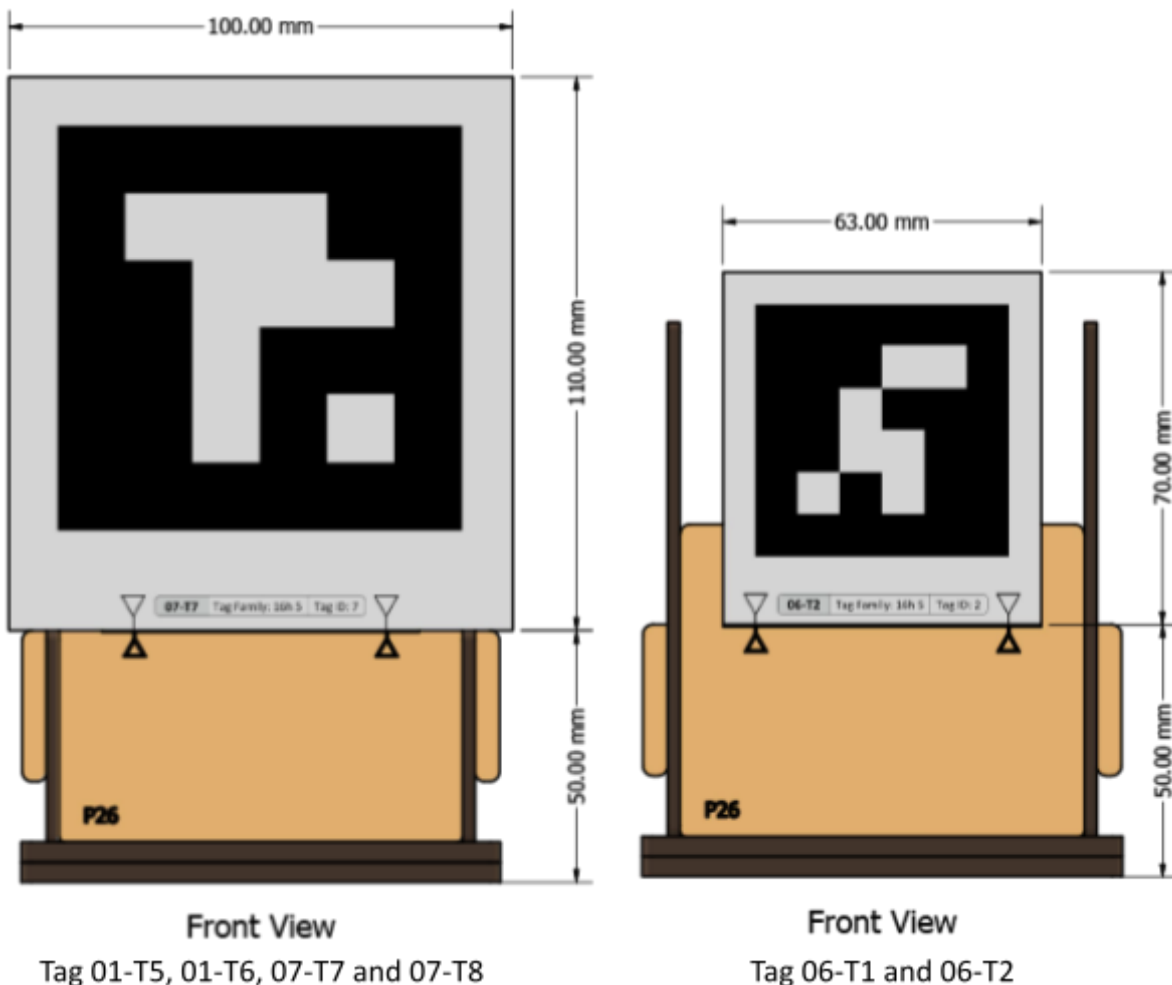
Printable AprilTags

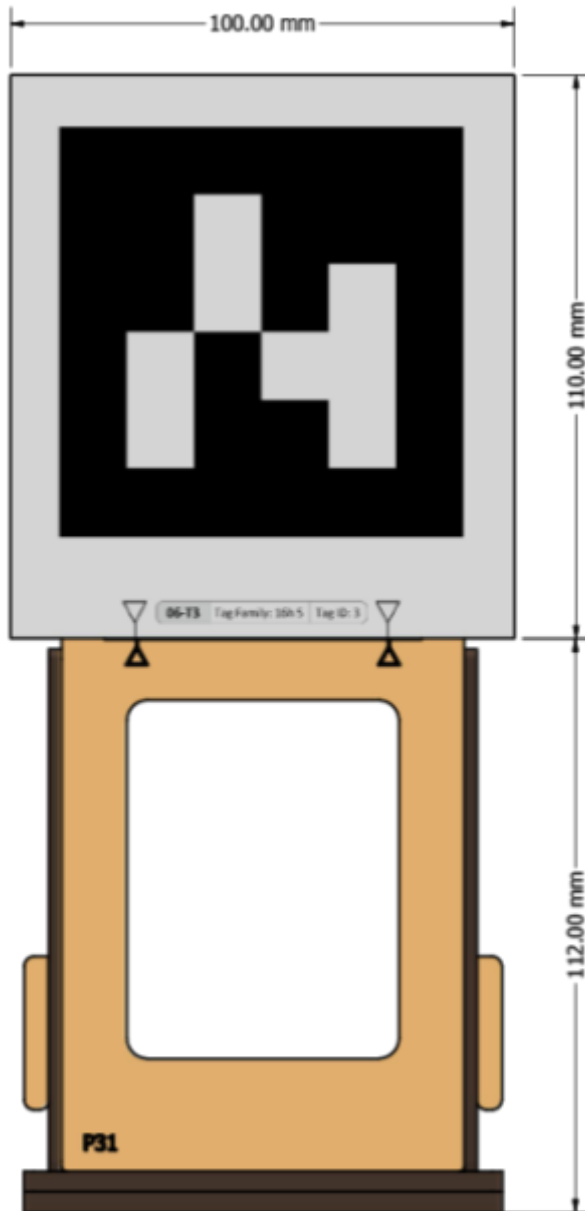
Use these print-ready AprilTag images to prepare and test your robot's AprilTag-based recognition system, or get the **Codeavour 8.0 Track 2 Arena Objects Kit** to access all the actual arena objects.

Teams can download and print the provided AprilTags and use them to recreate the AprilTag placements required for practice. These resources can be used to test the robot's camera, recognition accuracy, navigation, and challenge-specific interactions.



AprilTags Dimensions:

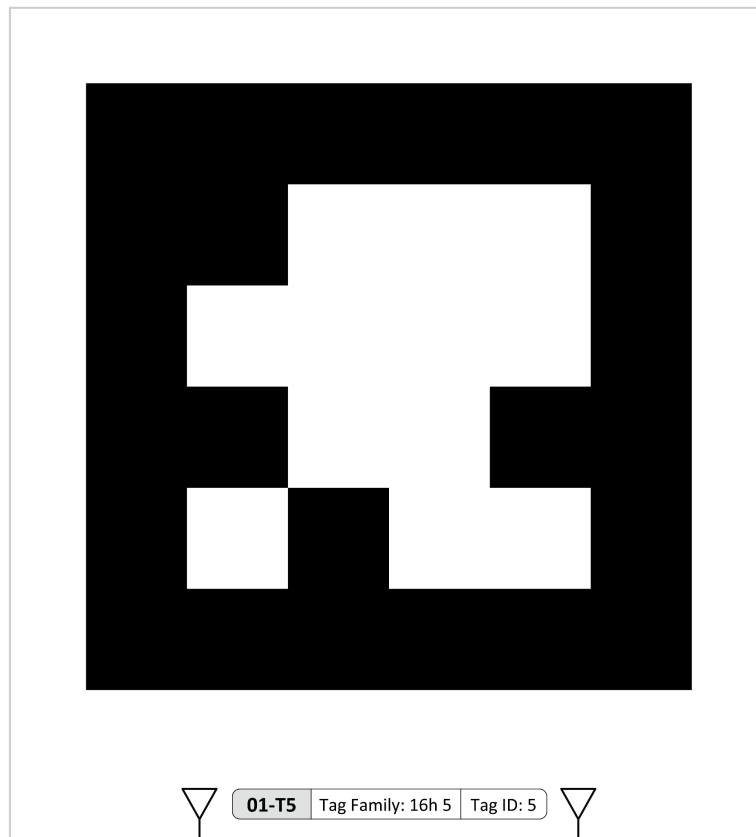
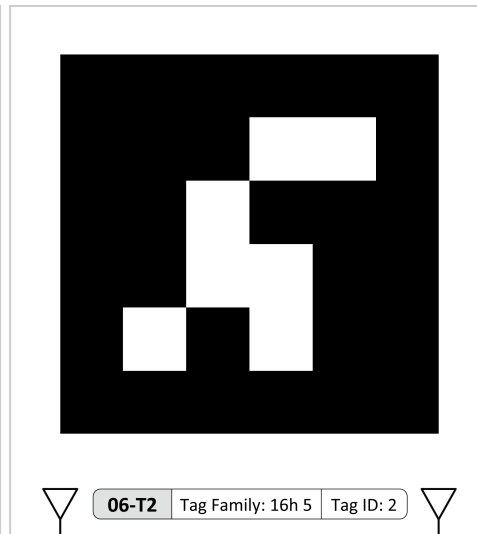
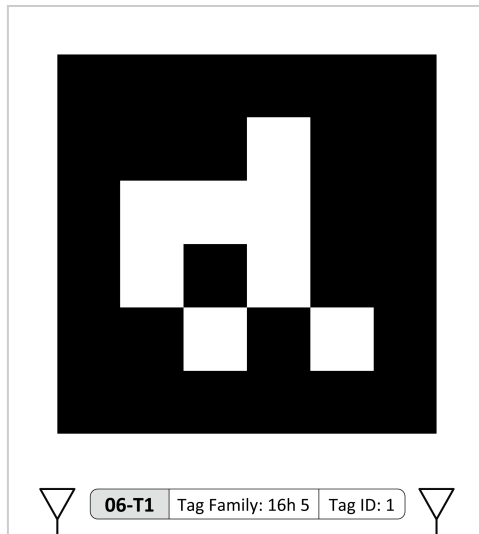


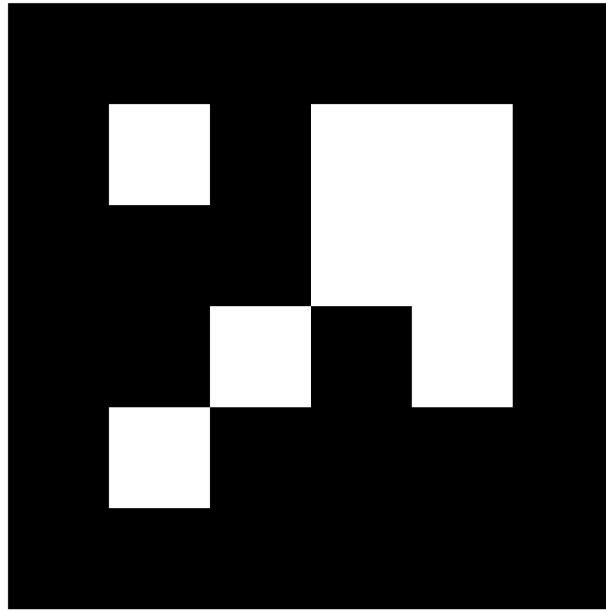


Front View

Tag 06-T3 and 06-T4

AprilTags:

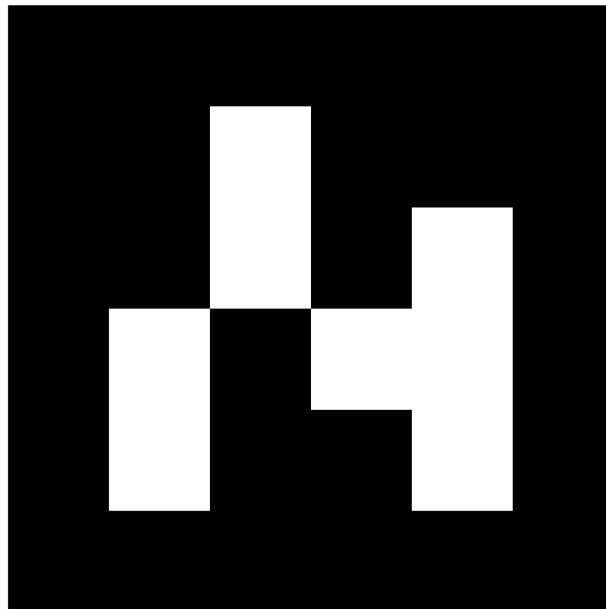




01-T6

Tag Family: 16h 5

Tag ID: 6

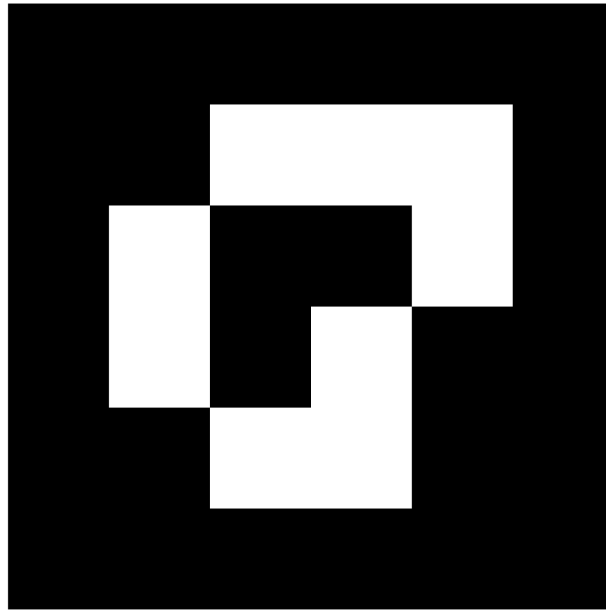


06-T3

Tag Family: 16h 5

Tag ID: 3

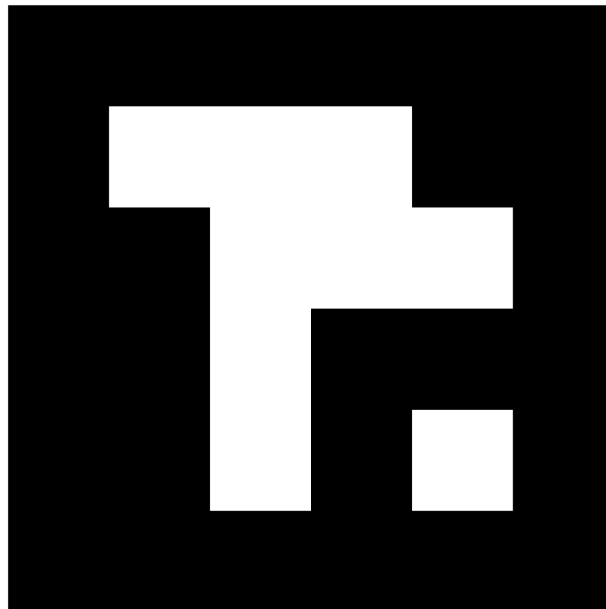




06-T4

Tag Family: 16h 5

Tag ID: 4

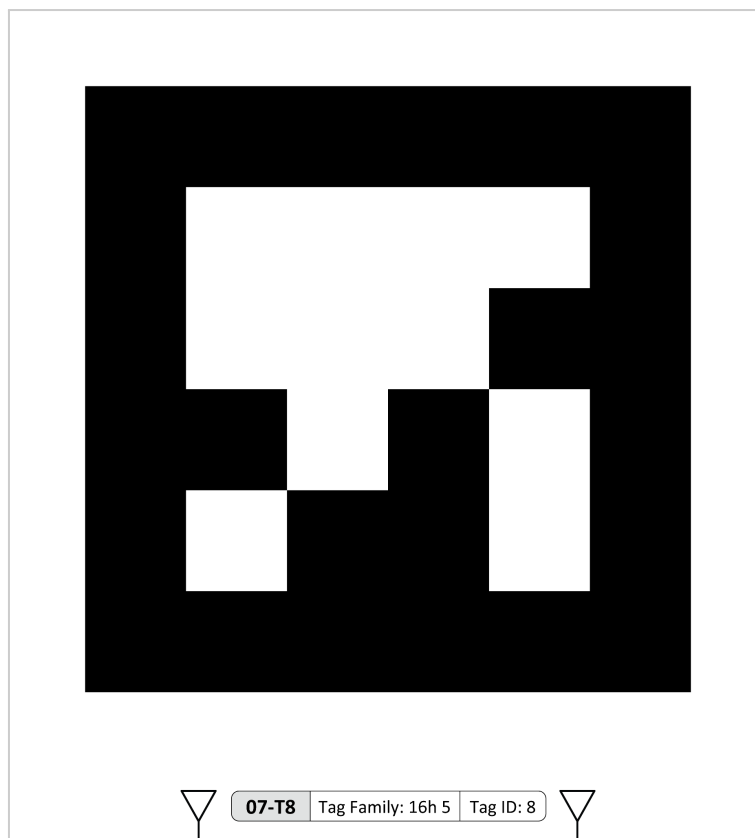


07-T7

Tag Family: 16h 5

Tag ID: 7



**Notes:**

- Print the AprilTag images at 100% actual size on **A4 paper**. Cut and place them carefully at the required locations and orientations to ensure reliable camera-based recognition during practice.
- Teams are responsible for fixing the provided AprilTags at the **correct height, position, and orientation** for their practice setup, as specified in the competition rules.
- We recommend using the **Codeavour 8.0 Track 2 Arena Objects Kit** to access the actual arena objects that will be used in the main competition and practise with the complete setup. Printing and practising with these additional resources may not accurately replicate the physical competition objects and do not guarantee the same results during the competition.