

# Scene Understanding



## 1. Scene Description

Q: What is the dominant environmental feature in UAV1's view?  
A: A urban road with a green grassy area.



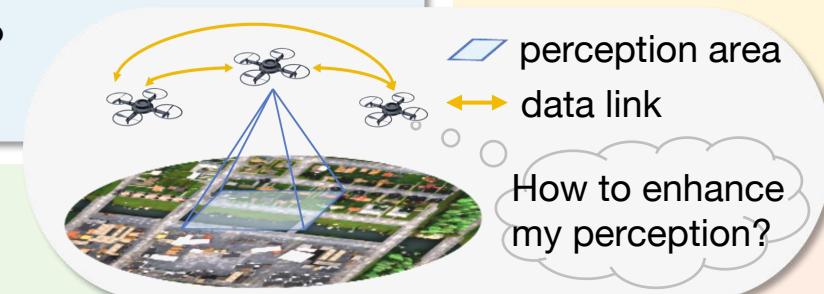
## 2. Scene Comparison

Q: Which UAV perspective has more vehicles? A: UAV2.



## 3. Observing Posture

Q: Which perspective is closer to the ground?  
A: UAV1 is closer with a clearer view.



# Perception Assessment



## 8. Quality Assessment

Q: How would you rate the overall image quality?  
A: Good with minor blur.



## 9. Usability Assessment

Q: Is this image usable for object detection tasks?  
A: Moderately usable with some occlusions.



# Object Understanding



## 4. Object Recognition

Q: How many types of objects are there? A: 2 types.



## 5. Object Counting

Q: How many vehicles are visible on the road? A: 5 cars.

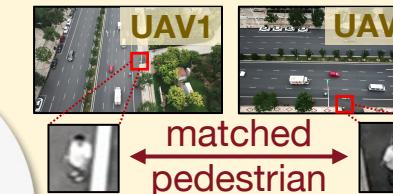


## 6. Object Grounding

Q: Where is the white van?  
A: The white van is in a different lane behind the red car.



## 7. Object Matching



# Collaborative Decision



## 13. Who to Collaborate

Q: Which UAV should UAV2 collaborate with?  
A: UAV1.



## 14. Why to Collaborate



## 11. When to Collaborate

Q: Should UAV2 communicate with others for more info now?  
A: Yes.

complete red car



## 12. What to Collaborate

Q: What info should UAV1 share with UAV2?  
A: Details of the red car's position and movement.

