1.3 Video Reconnaissance Performance Analysis

For each of the possible combination we have discussed in 1.2, we should also take their video reconnaissance performance into consideration. The best combination should cover the largest scope of reconnaissance. Given the maximum scouting radius of drones at specific position , we can get ’s reconnaissance area.

To simplify our analysis, we use *Drone Type B*’s maximum scouting radius as . And then we can get each position’s available area, which is shown in Figure 2.

Figure 2. 地图+圆圈图

Figure 2. clearly shows that combination could cover largest area.

1.4 Comprehensive Analysis

From the results in 1.2 and 1.3, we can get the best placement point combination is . Under this circumstances, specific drug delivery methods can be obtained as shown in Figure 4.

Figure 4 点线图+每条边上写具体运输方式。