

Obstacle Avoidance Millimeter Wave Radar (UAV-R21)

[Output data C drive demo](#)

CAN outputs the default extended frame at 500K baud rate.

```
/******  
Function name: Void radarDataParse(uint8_t *radarData, float *x,float *y)  
Function use: target coordinate data analysis  
input parameters: uint8_t *radarData: canID:0x71C/0X72C data received  
output parameters: float *x: target coordinate x(unit): m  
                   float *y: target coordinate y(unit):m  
return value: none  
  
Void radarDataParse(uint8_t *radarData, float *x,float *y)  
{  
    *x = ((radarData[0] * 256 + radarData[1]) - 65536)* 0.01;  
    *y = (radarData[2] * 256 + radarData[3]) * 0.01;  
}
```