

Indoor Navigation Laboratory

FPGA and DSP prototyping
Ettus Research USRP B205MINI-I (1x1, 70 MHz- 6GHz)
Measurement and testing equipment
<ul style="list-style-type: none">▪ Oscilloscope Hanmatek DOS1102▪ Imst FMCW RADAR (K-Band, 24 GHz)▪ Rectangular Horns (18-26.5 GHz)▪ LIDAR Ouster OSO-64-GEN2▪ LIDAR RPLIDAR A1M8▪ UWB Positioning kit POZYX Creator▪ Ultrasound Positioning kit Super-MP-3D▪ Lynxmotion A4WD1 v2 Robot kit▪ Intel RealSense T265
PCB cards assembly
<ul style="list-style-type: none">▪ SMD Air soldering station YH-853AAA▪ SMD Soldering support AOYUE 328▪ SMD Soldering station AOYUE 968A▪ DC Power Supply 0-60 V/0-6A PeakTech 6227