

# 0. Instructions before use

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## 1. Source Code Explanation

The Tmini-plus lidar comes in two specifications. Before use, please confirm whether you purchased the **12m Tmini-plus lidar** or the **25m Tmini-plus lidar**. The source code for the different specifications is not interchangeable. Each lidar contains two sets of function package source code: one set includes only the driving lidar and handheld lidar mapping functions, and the other set includes mapping, navigation, and radar functionality (**Note: this requires a car to use; the source code is provided here for learning purposes only**).

ydlidar\_ws.rar (12m) or yahboomcar\_ws.zip (25m): This is the function package containing the driving lidar and handheld lidar mapping functions.

oradar\_ws\_src.tar.xz: This is the function package source code for the car tutorial example; **this requires a car to use; it is provided here for learning purposes**.

Generally, installing the ydlidar\_ws package on your own motherboard is sufficient. The other packages shown in the examples require some dependencies, and errors may occur during installation and compilation. The **source code here is for reference only and requires the Yaboom Rosmaster X3** vehicle hardware. Without the compatible hardware, the code will result in errors and will not run.

There is also a ros\_ws\_src.tar.xz file, which contains code related to ROS1 basic tutorials.

YDLidar-SDK-master.zip (12m) or YDLidar-SDK.zip (25m) contains the official SDK package.