

# ReadMe

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## Source code description

The Tmini-plus comes in two lidar 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 **incompatible**. 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 lidar functionality (**Note: this requires a car to use; the source code is provided here for learning purposes only**).

yahboomcar\_ws.rar (25m) or yahboomcar\_ws.zip (25m): This contains the driving lidar and handheld lidar mapping functions.

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

Generally, installing the yahboomcar\_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 Yaboomcar RDK X3** car hardware. Without the compatible hardware, the code will throw errors and fail to run.

Also available is yahboomcar\_ws\_src.tar.xz, which contains ROS2 basic tutorial code.

YDLidar-SDK-master.zip (12m) or YDLidar-SDK.zip (25m), which contains the SDK packages.