

ABSTRACT

A target tracking device for tracking a target TG, comprising: a memory storing at least one instruction; and at least one processor executing the at least one instruction, wherein the at least one processor: identifies the target based on at least one of radar data acquired through a radar and vision data acquired through a camera, and performs a guidance process to approach the identified target, performs a first guidance process at a first tracking time point to track the target in a certain manner, and performs a second guidance process at a second tracking time point, which is chronologically subsequent to the first tracking time point, to track the target in a manner different from the certain manner.

FIG. 1