

ABSTRACT

Object re-identification technology is used to track images, in which an object re-identification apparatus, an object re-identification method, and a model learning method can improve object re-identification performance through the use of a model trained based on spatially and temporally refined features. The object re-identification method includes extracting a first feature from an input video frame, and extracting a second feature by segmenting the first feature based on an expert module within multiple expert layers in a sequential relationship, where the expert module is a single expert module activated among multiple expert modules of a single expert layer.

FIG. 3