

# Long-Term Cloth-Changing Person Re-identification (LTCC) Dataset

## Introduction

LTCC (Long-Term Cloth-Changing) dataset is proposed to facilitate the study of LTCC person Re-ID. It contains 17,119 person images of 152 identities, and each identity is captured by at least two cameras. In addition to identity labels, each image is annotated with a cloth label as well. Note that the changes of the hairstyle or carrying items, e.g., hat, bag or laptop, do not affect the cloth label. Finally, dependent on whether there is a cloth-change, the dataset can be divided into two subsets: one cloth-change set where 91 persons appearing with 416 different sets of outfits in 14,783 images, and one cloth-consistent subset containing the remaining 61 identities with 2,336 images without outfit changes. On average, there are 5 different clothes for each cloth-changing person, with the numbers of outfit changes ranging from 2 to 14. Fudan University owns copyright of the LTCC Dataset and serves as the source for this data.

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