Large real-world Aerial-Ground Person Re-identification (LAGPeR) Dataset

Introduction

LAGPeR (Large Aerial-Ground Person Re-identification) dataset is proposed to facilitate the study of AGPReID. It contains 63,841 person images of 4,231 identities, and each identity is captured by at least two cameras (one aerial and one ground). The drone's video footage is taken from heights ranging between 20 to 60 meters. Finally, we select 12 cameras (including 8 ground cameras and 4 drone cameras) from the first four scenes asthe training set, while images from 9 cameras in the remaining three scenes are used for evaluation. There are 1,523 IDs for evaluation,while the remaining 2,708 IDs are used as the training set. Northwestern Polytechnical University owns copyright of the LAGPeR Dataset and serves as the source for this data.

Consent (Restrictions for use of the LAGPeR Dataset)

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4.Citation: All documents and papers that report on research that uses the LAGPeR Dataset will acknowledge the use of the data by citing the following paper: Shining Wang, et al. "SeCap: Self-Calibrating and Adaptive Prompts for Cross-view Person Re-Identification in Aerial-Ground Networks." Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition, 2025.

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Name (in capitals) and title of authorized institutional representative

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Date and signature

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Organization and address (in capitals)

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