



Advances and Application of Intelligent Video Surveillance System

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Message from the Guest Editors

Dear Colleagues,

Video surveillance can be used to witness or observe a scene and look for specific behaviors in daily life, and it has been widely used for public security, transportation monitoring, and so on. A video surveillance system consists of three parts: a camera system, a transmission system, and an observation system.

The camera system aims to capture surveillance videos; however, due to the increased video resolution, the volume of video data has also increased significantly, becoming a challenge for storage, transmission, and processing.

In this Special Issue, we would like to highlight new and innovative work focused on intelligent video surveillance systems. We invite you to present high-quality research in one or more areas revolving around the current state of the art and future of intelligent video surveillance systems in practice and theory. In addition, quality manuscripts on surveillance video compression, surveillance video processing, and surveillance video security are of course very welcome.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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