

Abstract

The use of intelligent systems in urban environments such as sensors, smart cameras, electronic tolls, short communications and computer information centers can help to increase urban security and reduce blind spots. One of the most practical systems in this area is smart urban cameras (CCTN), which have a great application in urban planning. The purpose of this research is to investigate and plan strategies for urban intelligent camera coverage in Zabol city. The methodology of this research is descriptive-analytical and based on library studies and surveying (field) studies. In this research, in the first step, by listing a set of features and different aspects of urban intelligent cameras, we first prioritized these indicators using the ANP model and in the form of SuperDecision software. To simulate the quantitative and qualitative coverage of urban smart cameras in Zabol city, we simulated this. In order to simulate smart city cameras in the streets and squares of Zabol city, the software provided by the IPVM site was used. The results of this simulation show that, assuming a fixed resolution, the pixel size (PPF) decreases by increasing the distance to 30 meters, and vice versa, by reducing the distance covered to 10 meters, we see an increase in the pixel value and, as a result, increase the resolution of the images. ArcGIS software, based on the standards for locating smart city cameras and the distribution of existing cameras, continued to target new locations in order to deploy these types of cameras. The results of the research showed that the central and central areas of the city still have a higher priority for the deployment of smart city cameras. In contrast to the peripheral parts of the city, due to poor user density and urban population, the least priority is to deploy smart urban cameras. Are located.

Key word: Smartphones, Zabol, Public spaces, ArcGIS.



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**Investigation and planning of coverage of smart city cameras in the city of
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