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Keynote Lecture

Will every streetlight have network cameras in the near future?

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Abstract. A street camera network, in which many IP cameras are installed at a high density, similar to street lights throughout a nation, will have a stronger positive effect in suspect tracking and crime deterrence in the near future. On the other hand, it will also have a stronger negative effect related to the violation of privacy of ordinary citizens. In order to make such a stronger surveillance camera system, which forcibly captures the images of passersby for the public interest, be accepted as an essential social infrastructure by a society, it is necessary for this camera system to make ordinary citizens be convinced that it is used only for the public interest. To realize this, a new concept, in which the abuse of a street camera network is deterred by recording and disclosing browsing-history, is proposed. The perspective on the street camera system in the near future is discussed.

Reference

Yusaku Fujii and Noriaki Yoshiura, "Will every streetlight have network cameras in the near future?", *SCIENCE*, eLetters (21 October 2016)