情報電子工学科 学会発表

学会名	2017 5th International Conference on Information and Computer Networks
演題名	Design and Implementation of the Slim Camera Sensor Network Wirelessly Powered by Cloud-Robotic Drones
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内容	Power distribution of the sensor nodes has been an inherent issue for the wireless sensor networks and this is especially true when equiped with power-hungry image sensors. To tackle this problem, we have designed and currently working toward the realization of a compact camera sensor network system consisted of RF-harvesting flat camera sensor nodes and power distributor drones equipped with software-defined radio boards.
関連画像	A) Harvesting Circuit Micro-Controlling Give uit Fig. 9 Setting the USRP B200 in the case and mounting it on the drone Fig. 10 Flight Test