

Security system based on microcontrollers

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Authors [Pawlenka, T.](#), [?kuta, J.](#)
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Abstract The article describes design and realization of security system based on single-chip microcontrollers. System includes sensor modules for unauthorized entrance detection based on magnetic contact, measuring carbon monoxide level, movement detection and measuring temperature and humidity. System also includes control unit, control panel and development board Arduino with ethernet interface connected for web server implementation.

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